

20020618.qrp v02_n590.qrl.20020618

Date: Tue, 18 Jun 2002 19:03:09 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2590

QRP-L Digest 2590

Topics covered in this issue include:

- 1) [128254] Re: Weatherproof tape for antennas
by "Bob Tellefsen" <n6wg@earthlink.net>
- 2) [128255] Re: Weatherproof tape for antennas
by Dave Fouchey <dafouchey@comcast.net>
- 3) [128256] Re: Weatherproof tape for antennas
by ken cubilo electric <kce@chartermi.net>
- 4) [128257] Re: [OT: Radio Row]
by "P.Ermisch" <ermisch@usa.net>
- 5) [128258] Re: [[OT] weatherproof tape for antennas?]
by "P.Ermisch" <ermisch@usa.net>
- 6) [128259] RE: [OT] weatherproof tape for antennas?
by "Dave Richards" <wr3i@earthlink.net>
- 7) [128260] OT but antenna questions
by "Dave Richards" <wr3i@earthlink.net>
- 8) [128261] RE: Weatherproof tape for antennas
by "Karl Kanalz" <kkanalz@gcecispc.com>
- 9) [128262] ramblin on
by hamjoel@juno.com
- 10) [128263] Audio filters for sale
by "Hudson, Steve (RBI-US CMD)" <sdhudson@reedbusiness.com>
- 11) [128264] Re: Info on Bitternut HF-2V 80/40M Vertical
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 12) [128265] Re: Weatherproof tape for antennas
by "Mark" <rburton2@midssouth.rr.com>
- 13) [128266] Re: OT: "Radio Row"
by Rick McKee <kc8aon@juno.com>
- 14) [128267] Radio Controlled Digital Clock
by W2SH@aol.com
- 15) [128268] unsubscribe
by "John Ogden" <ogdenj@earthlink.net>
- 16) [128269] Re: Radio Controlled Digital Clock
by "George, W5YR" <w5yr@att.net>
- 17) [128270] RE: [OT] weatherproof tape for antennas?
by W2SH@aol.com
- 18) [128271] RE: Radio Controlled Digital Clock
by Conrad Weiss <radman@best.com>
- 19) [128272] Re: Weatherproof tape for antennas

- by WE7X@aol.com
- 20) [128273] RE: [OT] weatherproof tape for antennas?
by Conrad Weiss <radman@best.com>
- 21) [128274] FOX-Teams for Summer Hunt
by Bruce Rattray <rattray@gpfn.sk.ca>
- 22) [128275] RE: OT but antenna questions
by Conrad Weiss <radman@best.com>
- 23) [128276] Re: Weatherproof tape for antennas
by "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
- 24) [128277] Re: Weatherproof tape for antennas
by "Mike Yetsko" <myetsko@insydesw.com>
- 25) [128278] Re: OT but antenna questions
by "Mike Yetsko" <myetsko@insydesw.com>
- 26) [128279] URGENT PLEA FOR HELP
by "brian" <brian@iquest.net>
- 27) [128280] NEQRP SSB NET tonight 7:30PM EDST 7.285 +- 0.005 MHZ
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
- 28) [128281] NCARC Superfest and "the QRP Corner"
by "Rod N0RC" <rod@n0rc.us>
- 29) [128282] Re: BLT on the other bands
by rfcdma@spinn.net
- 30) [128283] NCARC Superfest & Elcraft Kit builders
by "Rod N0RC" <rod@n0rc.us>
- 31) [128284] Re: URGENT PLEA FOR HELP
by <igeq100@iupui.edu>
- 32) [128285] Mobile Antenna Choices
by "T.J. \"Skip\" Arey N2EI" <tjarey@tjarey.com>
- 33) [128286] Book for sale
by "k8cv" <k8cv@netzero.net>
- 34) [128287] Re: Mobile Antenna Choices
by "Mike Yetsko" <myetsko@insydesw.com>
- 35) [128288] Re: Mobile Antenna Choices
by "Charles Mabbott" <aa8vs@msn.com>
- 36) [128289] SOLDFw: Book for sale
by "k8cv" <k8cv@netzero.net>
- 37) [128290] Re: Mobile Antenna Choices
by "Mike Yetsko" <myetsko@insydesw.com>
- 38) [128291] Re: 60 meter discussion for QRP?
by Bill Coleman <aa4lr@arrl.net>
- 39) [128292] IC Question
by <jfox6@houston.rr.com>
- 40) [128293] Amidon vs Micrometals Toroids
by rsstone@juno.com
- 41) [128294] RE: 60 meter discussion for QRP?
by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
- 42) [128295] Re: Amidon vs Micrometals Toroids
by "Tracy Markham" <tracy@bytemark.com>
- 43) [128296] 40673 / 3N204

- by "Tracy Markham" <tracy@bytemark.com>
- 44) [128297] Alinco dual band HT
by "johngabbard" <johngabbard@usintouch.com>
- 45) [128298] WI Field Day Plans
by "Michael Melland" <w9wis@charter.net>
- 46) [128299] FS: WH-2 wattmeter \$60
by David Snowdon <norway@passport.ca>
- 47) [128300] Fathers Day
by "Mugleston, Brad" <brad.mugleston@gwl.com>
- 48) [128301] Wear Your Heart on Your Sleeve
by W2SH@aol.com
- 49) [128302] Re: Wear Your Heart on Your Sleeve
by W2AGN <w2agn@w2agn.net>
- 50) [128303] Re: Wear Your Heart on Your Sleeve
by Larry Cahoon <lejek@erols.com>
- 51) [128304] Re: Wear Your Heart on Your Sleeve
by baltimoremd@baltimoremd.com
- 52) [128305] Re: Wear Your Heart on Your Sleeve
by "Bill Jones" <kd7s@psnw.com>
- 53) [128306] Re: Wear Your Heart on Your Sleeve
by W2AGN <w2agn@w2agn.net>
- 54) [128307] VE3FAL Field Day Plans
by Fred Lesnick <flesnick@tbaytel.net>
- 55) [128308] Re: Wear Your Heart on Your Sleeve
by W2AGN <w2agn@w2agn.net>
- 56) [128309] Trade Pegasus for Testing Equipment
by "Ronald Davis" <RDavis24@carolina.rr.com>

Date: Mon, 17 Jun 2002 16:13:32 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [128254] Re: Weatherproof tape for antennas
Message-ID: <MABBJOEABOILMKCJCLFCEEFMDGAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl
Who sells this Thomas & Betts tape, and what do they call it?
Thanks and 73,
Bob N6WG

Date: Mon, 17 Jun 2002 19:25:14 -0400

From: Dave Fouchey <dafouchey@comcast.net>
To: n6wg@earthlink.net,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [128255] Re: Weatherproof tape for antennas
Message-ID: <4.1.20020617192319.0092b510@mail.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

http://www2.tessco.com/products/inv_display.jsp?selsku=16121

Butyl Rubber Sealing Tape part of a waterproofing kit from Tessco

<http://www.tessco.com/>

I might add they have just about any kind of antenna hardware you could ever want in their catalog.

(No affiliation just a satisfied customer)

Dave Fouchey
WA4EMR
Sterling Heights, MI

At 04:13 PM 6/17/02 -0700, Bob Tellefsen wrote:

>Karl
>Who sells this Thomas & Betts tape, and what do they call it?
>Thanks and 73,
>Bob N6WG

Date: Mon, 17 Jun 2002 19:50:52 -0400
From: ken cubilo electric <kce@chartermi.net>
To: kkanalz@gcecispc.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128256] Re: Weatherproof tape for antennas
Message-ID: <3D0E75DC.32C1D0F9@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

3m also makes a product like this called mastic sold at electrical supply houses in different size squares. The last one I purchased was \$1.50 for a 4 by 4 in square of it.

ken w8ob

Karl Kanalz wrote:

>
> Ken,
>
> Send me an e-mail with your [desired] mailing address. I'll send you
> some wide tape (made by Thomas & Betts) that you can use for
> truly weather-proof connections on your antenna(s). It's easy to apply,
> non-gooey, self-vulcanizing into itself, and can be easily removed
> with a pocket knife should you ever need to get to the "connection"
> enclosed within. I've had this in use on antennas, baluns, outdoor
> splices, et cetera for several years (even used it in mobile connections)
> without a problem. There's no exothermic or acidic action in the pro-
> cess either!
>
> Karl K - W8TIF
> McKinney, Texas
>
> -----Original Message-----
> From: Ken Hopper
> Sent: Monday, June 17, 2002 1:44 PM
> To: Low Power Amateur Radio Discussion
> Subject: [OT] weatherproof tape for antennas?
>
> Hi, this is a little off topic. I am trying to find weatherproof tape for
> outdoor antennas. Anyone have a recommendation?
>
> I used common duct tape and over a very short time it fell apart leaving
> ugly
> tails on my masts and wires. There must be something stronger and more
> waterproof.
>
> Someone suggested type "88" but I was unable to find it at the local ACE
> Hardware store. Where should I look? in a speciality catalog? i
>
> Is there such a thing called "silicon tape" that matures into a single bond
> over time?
>
> Thanks,
> de ken n9vv
> <http://www.n9vv.com>

--

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Date: Mon, 17 Jun 2002 18:03:22 -0600
From: "P.Ermisch" <ermisch@usa.net>
To: <qrp-1@lehigh.edu>
Subject: [128257] Re: [OT: Radio Row]
Message-ID: <20020618000322.21735.qmail@uwdvg001.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

This was the subject of a Nat'l Public Radio segment on June 3rd. To hear more, go to =

<http://www.npr.org>

and search for 'radio row' using the search form at the top of the homepage. =

Select the 'Sonic Memorial Project: Radio Row' link. You can listen to the 12 minute segment in RealAudio format. Interesting piece - more about the old timers that ran the stores and the community they serviced rather than amateur radio, etc.

Paul KB0LUR

delphinus@brightok.net wrote:

> Hey,
> =

> There is a project afoot to gather audio artifacts related to the World=

Trade

> Center before, during, and after the disaster struck. The thing that caught my

> eye was the fact that it was called, "Radio Row" before the trade centers were

> built. Apparently, the site hosted the largest grouping of radio and electronics stores in the world!
> =

> They are asking for information. Surely some of you out there have QSL=

cards

> harking back to that site or purchased ham radios on "Radio Row?" Here=
's a
> chance to get some ham history into the news. Here is their plea...
> =

> TELL US WHAT IS OUT THERE.
> If you have personal recordings, stories or remembrances, =

> call NPR's SONIC MEMORIAL HOTLINE at (202) 408-0300 or =

> email us info@sonicmemorial.org.
> =

> See <<http://www.sonicmemorial.org/radiorow/radiorow.html>> for the origi=
nal
> article.
> =

> 73, Matthew AD5AP
> =

> =

> -----
> This message was sent using BrightNet MailMan.
> <http://www.Brightok.net/mailman/>
> =

> =

Date: Mon, 17 Jun 2002 18:12:00 -0600
From: "P.Ermisch" <ermisch@usa.net>
To: <qrp-1@lehigh.edu>
Subject: [128258] Re: [[OT] weatherproof tape for antennas?]
Message-ID: <20020618001200.27034.qmail@uwdvg008.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

AMP cold shrink tape:

<http://www.goldmine-elec.com/images/page001.pdf>

I haven't used this myself (yet) so not sure if it's what you need. In fact, the ad doesn't claim that the tape will hold up to UV and sunlight. The AMP site does not give those details either.

Paul KB0LUR

Ken Hopper <khopper@uchicago.edu> wrote:

> Hi, this is a little off topic. I am trying to find weatherproof tape for or =

> outdoor antennas. Anyone have a recommendation?
> =

> I used common duct tape and over a very short time it fell apart leaving ugly =

> tails on my masts and wires. There must be something stronger and more =

> waterproof.
> =

> Someone suggested type "88" but I was unable to find it at the local ACE =

> Hardware store. Where should I look? in a speciality catalog? if =

> Is there such a thing called "silicon tape" that matures into a single bond

> over time?
> =

> Thanks,
> de ken n9vv
> <http://www.n9vv.com>
> =

Date: Mon, 17 Jun 2002 20:17:16 -0400

From: "Dave Richards" <wr3i@earthlink.net>
To: <khopper@uchicago.edu>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128259] RE: [OT] weatherproof tape for antennas?
Message-ID: <FAEEKPCBNNDNKGMPiBKCEBJCEAA.wr3i@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Ken,
forgive my Mirth but It seams you are making a very big leap!
>From Duct tape to High tech silicon
but seriously a good place to start looking would be on the net under
antenna suppliers
Dave
WR3I

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
Ken Hopper
Sent: Monday, June 17, 2002 2:44 PM
To: Low Power Amateur Radio Discussion
Subject: [OT] weatherproof tape for antennas?

Hi, this is a little off topic. I am trying to find weatherproof tape for
outdoor antennas. Anyone have a recommendation?

I used common duct tape and over a very short time it fell apart leaving
ugly
tails on my masts and wires. There must be something stronger and more
waterproof.

Someone suggested type "88" but I was unable to find it at the local ACE
Hardware store. Where hould I look? in a speciality catalog? i

Is there such a thing called "silicon tape" that matures into a single bond
over time?

Thanks,
de ken n9vv
<http://www.n9vv.com>

Date: Mon, 17 Jun 2002 20:55:08 -0400

From: "Dave Richards" <wr3i@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128260] OT but antenna questions
Message-ID: <FAEEKPCBNNDNKGMPBKMEBKCEAA.wr3i@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I know this is not really on topic but I am sure I can get the help I need>
I am moving into new home and this evening while I visited the property I
noticed that my cell phone totally lost signal after asking around I was
told Oh yeah nobody get a signal around hear!

So my thought is the make a 903 mhz vertical and mount it high in a tree my
question is where would I attached the coax on the cell phone?
my thought is to attach center conductor to the little whip and then use the
negative side of the battery?
is this dumb?
Dave
WR3I

Date: Mon, 17 Jun 2002 20:38:26 -0500
From: "Karl Kanalz" <kkanalz@gcecisp.com>
To: <n6wg@earthlink.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128261] RE: Weatherproof tape for antennas
Message-ID: <NFBBKOMEFGJGEBABODPOGEMOCFAA.kkanalz@gcecisp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Same offer to you, Bob, as well as to others.... I don't know the catalog
number, and almost any reputable electrical supply house will handle the
Thomas & Betts product line.

Anyway, the offer is:

Send me your snail-mail address (via e-mail) and I'll send you a
handsome/use-ful chunk of the stuff and you can try it for yourself! I
believe that if you try to buy it, you'll have to buy a relatively large
(and expen\$ive) quantity of it.

Karl K - W8TIF

McKinney, Texas

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Bob Tellefsen
Sent: Monday, June 17, 2002 6:14 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Weatherproof tape for antennas

Karl

Who sells this Thomas & Betts tape, and what do they call it?
Thanks and 73,
Bob N6WG

Date: Tue, 18 Jun 2002 01:30:26 GMT
From: hamjoel@juno.com
To: fpqrp-1@mpna.com, qrp-1@lehigh.edu
Subject: [128262] ramblin on
Message-ID: <20020617.183057.2463.328852@webmail2.wlv.unttd.com>

Ramblings of a displaced Cajun Lad in Maine

Butterflies, Bugs Bunny, Uncle Remus, and Nicodemus. Just their names makes one smile.

Butterflies don't live too long, however they do live free... free to come and go or sit and stay a while.

And Bugs, he's a rascal who will make u smile while he turns things upside down and inside out. While Uncle Remus can explain the serious of it all and how life wouldn't be right without all the chaos.

Now Nicodemus, well he's a bit hard to explain, because he's a bit of them all rolled into one... you see Nic is a rat, not a dirty rat... just a rat and what makes him special is, he's my friend...

Friends don't need to be special... to be special, nor do they need to explain because friends don't ever mean to harm... they just be themselves and sometimes they have no more time to stay and play or for anything really... because they too have a time they enter your life and a time they leave or you leave them...

And that's why Nicodemus will be missed, more than butterflies, Bugs, or Uncle Remus... he was a friend that ran out of time before I was ready....

Bye Nic

KE1LA JOEL

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<http://dl.www.juno.com/get/web/>.

Date: Mon, 17 Jun 2002 21:37:57 -0400

From: "Hudson, Steve (RBI-US CMD)" <sdhudson@reedbusiness.com>

To: qrp-1@lehigh.edu

Subject: [128263] Audio filters for sale

Message-ID: <A7E30DBD5928D442A7AE9EF215EEE133CD0762@BINCMDGNOREXC02>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Some audio filters (two factory filters and one kit) for sale, plus shipping from 30004:

1. Bencher XZ-2, great condition, works perfectly, documentation. \$35 plus shipping.
2. Vectronics VEC-841W, new in box, unused, warranty card intact, \$35.
3. Vectronics "Super CW Filter Kit with 1 Watt Audio Amplifier." New in unopened bag. \$25.

I'm selling these because my family gave me another Vectronics VEC-841W for my birthday, and I'd better use the one they gave me. The kids don't miss a thing!

Steve AA4BW

Date: Mon, 17 Jun 2002 20:39:54 -0500

From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [128264] Re: Info on Bitternut HF-2V 80/40M Vertical

Message-ID: <200206180139.AA00592@bolshoi.cc.misu.nodak.edu>

Content-Type: text/plain

Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

I don't have the 160 or 30m coils, but use a tuner instead. Matches fine on 30-10, and performance is pretty decent. 15m is especially good, but I've worked good DX on any band I care to, 40-10m, at 4-5W.

As to the radiation angle being a bit low for stateside, well, at least on 40/30m, I've worked regularly inside 400 miles at mW power levels with my HF-2V, so it seems to throw enough radiation at higher angles to work there as well.

Can't comment on 80m, as my local noise level (S9+ across the entire band) has made any contacts real tough. I've got about 25 radials down, cut to fit the small space the antenna is mounted in. But, for 40 and 15m sans tuner, and 30, 20, 17, 12 and 10m with a tuner, it's a good performer. Also fairly unobtrusive, which makes for good neighbour acceptance. :-) For a ground-mounted antenna, it's hard to beat, IMHO.

72/73,

Todd, AG0T

Date: Mon, 17 Jun 2002 21:26:15 -0500
From: "Mark" <rburton2@midssouth.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128265] Re: Weatherproof tape for antennas
Message-ID: <004401c2166f\$88c57ca0\$6501a8c0@tgbserver>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

I work for T&B in Memphis. One of the products is Catalog Number TBT-20. It is a product in our Telecom offering. It is used to seal buried cable splices. The product works like the product "Coax Seal".

As noted in a prior message, 3M makes a like product. Both can be found at an electrical distributor house such as Graybar, GE Supply, etc.

I know a guy that uses the T&B product from time to time and it works well.

Good luck,
Mark
WB4TGB

----- Original Message -----

From: "Karl Kanalz" <kkanalz@gcecispc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, June 17, 2002 8:38 PM
Subject: RE: Weatherproof tape for antennas

> Same offer to you, Bob, as well as to others.... I don't know the catalog
> number, and almost any reputable electrical supply house will handle the
> Thomas & Betts product line.

>
> Anyway, the offer is:

>
> Send me your snail-mail address (via e-mail) and I'll send you a
> handsome/use-ful chunk of the stuff and you can try it for yourself! I
> believe that if you try to buy it, you'll have to buy a relatively large
> (and expensive) quantity of it.

>
> Karl K - W8TIF
> McKinney, Texas

>
> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
Bob

> Tellefsen
> Sent: Monday, June 17, 2002 6:14 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Weatherproof tape for antennas

>
> Karl
> Who sells this Thomas & Betts tape, and what do they call it?
> Thanks and 73,
> Bob N6WG

>
>
>

Date: Mon, 17 Jun 2002 22:25:55 -0400

From: Rick McKee <kc8aon@juno.com>
To: qrp-1@lehigh.edu
Subject: [128266] Re: OT: "Radio Row"
Message-ID: <20020617.224009.8838.0.kc8aon@juno.com>

Not OT because a lot of the old homebrew stuff was QRP and this is where a lot of folks bought parts to build their equipment in the good ole days ! And funny you should mention this, a friend of mine gave me a box of old QST magazines the other day and while reading the April 1969 issue a picture of the Trade Center Towers caught my eye. The story was titled "Requiem For Radio Row" By Gerald Samkofsky, W2YSF. In the story, Gerald mentions looking down Cortlandt Street trying to bring back old memories of old Radio Row but only seeing a vast excavation that will soon be the World Trade Center of New York. He mentions store names like; Blan the Radio Man, Try-Mo Radio - the King of low priced shortwave radio kits, Leotone Radio, Leeds Radio, Cortlandt Radio and G&C Radio. And by the way, the picture of the Trade Center Towers was an artists conception of the "new World Trade Center" which "will stand in the "Radio Row" area. There are also 3 picture of old Radio Row included in the story, one of which is Radio Row in it's last days. Very neat stuff indeed !

Rick McKee, KC8AON
Willow Wood, Ohio
QRP - Do more with less !

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<http://dl.www.juno.com/get/web/>.

Date: Mon, 17 Jun 2002 22:47:23 EDT
From: W2SH@aol.com
To: qrp-1@lehigh.edu
Subject: [128267] Radio Controlled Digital Clock
Message-ID: <f8.1d08bf6a.2a3ff93b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

These are becoming quite generally available. For the past several weeks I am pleased by the battery-operated one which I have. It can be set to a 24-hour format on UTC (ex GMT) and has two-inch tall LCD numerals. It also displays the month, date, day of the week and shack temperature (in

Fahrenheit). It measures 8 1/4 inches square and 7/8 inches thick, and can be wall or desk mounted. It also has an alarm feature. Obtainable from www.heartlandamerica.com for \$30 plus shipping charges.

72/73,

Charles, W2SH

Date: Mon, 17 Jun 2002 20:01:54 -0700
From: "John Ogden" <ogdenj@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [128268] unsubscribe
Message-ID: <002701c21674\$821002e0\$3930fea9@slr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: <qrp-l@Lehigh.EDU>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, June 17, 2002 4:03 PM
Subject: QRP-L digest 2589

> QRP-L Digest 2589
>
> Topics covered in this issue include:
>
> 1) [128213] UTC
> by "Johan Smet" <johan_smet@pandora.be>
> 2) [128214] Re: Comments to FCC about 60M + Mag Loop Question
> by Bill ROWLETT <kc4atu@yahoo.com>
> 3) [128215] Four State QRP Group Meeting Report
> by "David Bixler" <qrp@netins.net>
> 4) [128216] Re: ISS and Endeavour
> by "WI8W" <wi8w@arrl.net>
> 5) [128217] Index Labs QRP++ Microphone Help
> by "Gene Sailsbury" <gsailsbury@mobill1.net>
> 6) [128218] Hamsats & QRP (was Re: ISS and Endeavour
> by Stephan Greene <sgreene@patriot.net>
> 7) [128219] Them computer back up thingies & a queskin abt QST
> by Nils R Young <nilsbull@juno.com>
> 8) [128220] argonaut mic, thanks
> by Gary Lee <kb9zuv@arrl.net>

> 9) [128221] Re: HB: 4053 cmos switch as a mixer
> by David Hinerman <WD8CIV@worldnet.att.net>
> 10) [128222] Re: [fpqrp] Truffle Hunts
> by "w8diz" <w8diz@fpqrp.com>
> 11) [128223] Great QRP weekend.
> by "Kelly Ellison" <kelman@sofnet.com>
> 12) [128224] Re: Index Labs QRP++ Microphone Help
> by "Terres Family" <terresfm@ncia.net>
> 13) [128225] Re: Open air feeder impedance
> by "Gordon Couger" <gcouger@provalue.net>
> 14) [128226] RE: Feild Day
> by "Gordon Couger" <gcouger@provalue.net>
> 15) [128227] Re: ISS and Endeavour
> by Alex <kr1st@amsat.org>
> 16) [128228] Re: HB: 4053 cmos switch as a mixer
> by David Hinerman <WD8CIV@worldnet.att.net>
> 17) [128229] Resistor notation
> by "John W. Nally" <nally@talstar.com>
> 18) [128230] RE: 12V SLAs on Sale...!
> by "Lofstead, Jerry" <Jerry.Lofstead@McKesson.com>
> 19) [128231] Re: Resistor notation - showing me how to fish
> by "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
> 20) [128232] Re: Resistor notation - showing me how to fish
> by David Hinerman <WD8CIV@worldnet.att.net>
> 21) [128233] Re: BLT question
> by geoff allsup <gallsup@whoi.edu>
> 22) [128234] Re: Resistor notation
> by "Leon Heller" <leon_heller@hotmail.com>
> 23) [128235] Re: Resistor notation - showing me how to fish
> by "Leon Heller" <leon_heller@hotmail.com>
> 24) [128236] Where is QRPDUPE?
> by W2AGN <w2agn@w2agn.net>
> 25) [128237] Re: Where is QRPDUPE?
> by Phil Wheeler <w7ox@earthlink.net>
> 26) [128238] Heathkit schematics online
> by Mike Czuhajewski <wa8mcq@comcast.net>
> 27) [128239] Re: 12V SLAs on Sale...!
> by "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
> 28) [128240] General inquiry
> by <jfox6@houston.rr.com>
> 29) [128241] Re: Where is QRPDUPE?
> by aluscre <aluscre@neo.rr.com>
> 30) [128242] Re: Where is QRPDUPE?
> by W2AGN <w2agn@w2agn.net>
> 31) [128243] Re: AT in PA (Antenna Testing Session)
> by "Ron McConnell" <rcmcc@earthlink.net>
> 32) [128244] [OT] weatherproof tape for antennas?
> by Ken Hopper <khopper@uchicago.edu>

> 33) [128245] Info on Butternut HF-2V 80/40M Vertical
 > by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
 > 34) [128246] DX QSO
 > by "Juanjo Pastor" <ec5aca@wanadoo.es>
 > 35) [128247] TR LOG
 > by "Donald Dorn" <DDORN@CWIS.NET>
 > 36) [128248] MFJ QRP For Sale
 > by NA1XX@aol.com
 > 37) [128249] 60 meters..question ..when?..also..heath hw12or 16 on 60?
 > by ve3ab@mail.mondenet.com
 > 38) [128250] OT: "Radio Row"
 > by delphinus@brightok.net
 > 39) [128251] Weatherproof tape for antennas
 > by "Karl Kanalz" <kkanalz@gcecis.com>
 > 40) [128252] Re: Info on Butternut HF-2V 80/40M Vertical
 > by Dave Sjolín <sjolin@swbell.net>
 > 41) [128253] For Sale: Butternut HF9V HF Vertical Antenna
 > by Jim Larsen - AL7FS <AL7FS@arrl.net>
 >
 > -----
 >
 > Date: Mon, 17 Jun 2002 01:23:22 +0200
 > From: "Johan Smet" <johan_smet@pandora.be>
 > To: <qrp-1@Lehigh.EDU>
 > Subject: [128213] UTC
 > Message-ID: <EIELKLLAKHJMDPPKMKALCEPBCGAA.johan_smet@pandora.be>
 > MIME-Version: 1.0
 > Content-Type: text/plain;
 > charset="iso-8859-1"
 > Content-Transfer-Encoding: 7bit
 >
 > Guys,
 >
 > Oh, if only you would agree on simply timing everything UT... there are
 > fellow hams in other countries trying to figure out your CST, etc. Dare to
 > go international (ARCI, remember?).
 >
 > 73,
 >
 > Johan ON5EX
 >
 >
 > On Sat, Jun 15, 2002 at 05:42:00PM -0400, W2AGN wrote:
 > > On Sunday 16 June 2002 02:26, Doc Lindsey K0EVZ wrote:
 > > > Gang:
 > > >
 > > beginning at 0200-0400 UTC (that's early on Friday morning,
 > > > USA time).

> >
> >
> > Duh...is this the SOC list? Or am I confused? (AGN?) 0200-0400Z Thursday
> is
> > like, Wednesday night for most of USA, no? But it says "Thursday
evening"
> so
> > that must be 0200-0400Z UTC Friday, which would be morning UTC time, but
> > evening USA time, the day before.
>
> Since Doc originated the message on Sunday and the list resent it on
> Saturday, it makes perfect sense to me....
> Let's do the time warp again. --Rocky Horror Picture Show
> 72/73,
> Bob, N7XY
> QRP-L #1985, SOC #77
>
>
> -----
>
> Date: Sun, 16 Jun 2002 16:29:09 -0700 (PDT)
> From: Bill ROWLETT <kc4atu@yahoo.com>
> To: kc8aon@juno.com,
> Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [128214] Re: Comments to FCC about 60M + Mag Loop Question
> Message-ID: <20020616232909.15754.qmail@web14204.mail.yahoo.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
>
> Rick,
>
> I too agree that a power limit can not be enforced,
> but it is a small number who break the rules. Those of
> us who play the game by the rules need to file our
> thoughts with the FCC on this. I hope that you and
> everyone else has also.
>
> 73 Bill kc4atu
>
> -----
> Do You Yahoo!?
> Yahoo! - Official partner of 2002 FIFA World Cup
> <http://fifaworldcup.yahoo.com>
>
> -----
>
> Date: Sun, 16 Jun 2002 18:39:20 -0500
> From: "David Bixler" <qrp@netins.net>

> To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
> Subject: [128215] Four State QRP Group Meeting Report
> Message-ID: <DBEPKBJH00EAHCKKIHPFMEKHDDAA.qrp@netins.net>
> MIME-Version: 1.0
> Content-Type: text/plain;
> charset="Windows-1252"
> Content-Transfer-Encoding: 7bit
>
> Hello fellow QRP'ers:
>
> Well, yesterday we had an excellent meeting of the
> Four State QRP Group. We even had some special guests
> drop in for lunch. To find out who our guests were and
> to see the photo report, surf over to:
>
> <http://www.w0ch.com/fsqrp/index.htm>
>
> By the way, looks like we will be having a QRP Field
> Day next weekend. Please come join us for some QRP
> outdoor fun if you can.
>
> 72, Dave
>
> David Bixler W0CH
> Seneca, MO
> Main Web Site: <http://w0ch.com>
> Mirror Site: <http://showcase.netins.net/web/w0ch>
>
> QRP: Little Radios, Big Fun!
>
>
>
> -----
>
> Date: Mon, 17 Jun 2002 00:06:37 -0000
> From: "WI8W" <wi8w@arrl.net>
> To: "QRP-L" <qrp-l@Lehigh.EDU>, <plburbank@kih.net>
> Cc: "Steve McDonald" <jsm@gulfislands.com>
> Subject: [128216] Re: ISS and Endeavour
> Message-ID: <029001c21592\$d9e3f900\$6501a8c0@attbi.com>
> MIME-Version: 1.0
> Content-Type: text/plain;
> charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
>
> As far as I know the freq is 145.800 voice downlink and 144.490 voice
> uplink.. FM is the mode.
>

> I listen on what seems like every pass but have never heard them. Guess I
> need a somewhat better 2 meter antenna than a vertical.
>
> I used to hear MIR quite regularly when it was in orbit though.
>
> I would guess that they have very little time to play radio up there but I
> keep listening just the same...maybe I will get lucky one of these days
and
> I will certainly be looking for it FD weekend.
>
> 73 fellas and good luck
>
> Thom WI8W
>
>
> -----
>
> Date: Sun, 16 Jun 2002 19:55:08 -0500
> From: "Gene Sailsbury" <gsailsbury@mobil1.net>
> To: "Low Power" <qrp-1@Lehigh.EDU>
> Subject: [128217] Index Labs QRP++ Microphone Help
> Message-ID: <00bc01c21599\$a110af40\$4bc03fd8@mshome.net>
> MIME-Version: 1.0
> Content-Type: text/plain;
> charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
>
> I have just purchased a QRP++ and need a MIC for.
> 1. Can anyone tell me what MIC they used for it?
> 2. The manual calls for MFJ 285W which they do not
> carry anymore.
> So need a little help getting this unit ready for field day.
> Gene Sailsbury KC0IKY
>
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.370 / Virus Database: 205 - Release Date: 6/5/2002
>
>
> -----
>
> Date: Sun, 16 Jun 2002 19:58:02 -0400 (EDT)
> From: Stephan Greene <sgreene@patriot.net>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: [128218] Hamsats & QRP (was Re: ISS and Endeavour
> Message-ID: <Pine.LNX.4.44.0206161946450.20334-1000000@tzion.greene.lan>

> MIME-Version: 1.0
> Content-Type: TEXT/PLAIN; charset=US-ASCII
>
> On Mon, 17 Jun 2002, WI8W wrote:
>
> > As far as I know the freq is 145.800 voice downlink and 144.490 voice
> > uplink.. FM is the mode.
>
> yes. From ANS:
>
> Region 2/3 voice uplink: 144.490 MHz
> Worldwide downlink: 145.800 MHz
>
> For info on ISS and *all* the other amatuer satelllites, go to
> <http://www.amsat.org> Satellite status on all the birds is sent weekly, as
> are current orbital elements.
>
> <http://www.amsat.org/amsat/news/ans.html>
> <http://www.amsat.org/amsat/keps/menu.html>
>
> Other FM low earth orbit (LEO) satelllites include U014, A027, and PCSAT
> (APRS digi).
>
> Thanks to the FM "capture" effect and too many folks with big antennas AND
> amplifiers, working U014 or A027 at QRP can be a challenge (it's not
> impossible, just takes more skill, what else is new?), ESPECIALLY on
> Field Day (QRP on FD on these satelllites is futile, IMHO).
>
> ISS has a strong "rare DX" flavor, so pileups are the norm when they're
> on.
>
>
> CW/SSB LEO satelllites include RS12/13, F020, and F029. RS12/13 has a 15M
> uplink, so there will be a lot of stations heard on the passband that have
> no idea they're on the satellite as well.
>
> The LEO satelllites are generally workable at QRP power levels, esp. with
> moderate gain antennas. Wider passbands, longer passes (slightly higher
> orbits), and fewer power hogs than on the FM birds.
>
> A0-40 *may* be workable at QRP power in CW but you'll need a lot of uplink
> antenna gain on 70cm to compensate (I used to do this on A010 and A013.
> I'm hoping to try it on A040 for Field Day, but doubt I'll have
> sufficient time to test everything beforehand, sigh)
>
> With all satelllites, try to be sure you can hear them before transmitting,
> remember that ISS is operating "split" simplex, the others are all full
> duplex.

>
> have fun!
>
> 73 Steve
> KS1G
> (ex KA1LM)
>
> -----
> Stephan A. Greene sgreene@patriot.net ka1lm@amsat.org
> -----
>
>
> -----
>
> Date: Sun, 16 Jun 2002 21:29:43 -0400
> From: Nils R Young <nilsbull@juno.com>
> To: QRP-L@lehigh.edu
> Subject: [128219] Them computer back up thingies & a queskin abt QST
> Message-ID: <20020616.212950.-148953.0.nilsbull@juno.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
>
> Gang,
>
> I got a bunch of emails from folks about my recent computer problems.
> (Like how the guy at work tried to "improve" the BIOS by reflashing from
> files available on the mfg's server & how that killed the machine good.)
>
> When I finally got the last remaster disk out of the machine (fifth
> remaster of the weekend), a little belt fell out with it.
>
> Roger had CD drives & burners cheap. So I bought one each & am now trying
> to decipher the Symantec "Ghost" program info.
>
> Now, for them what's been up to asking about when a certain QRP club
> (take yo pick, G), here's one: I found the June QST on a shelf in a local
> book store. My sub -- at least according to the ARRL site -- ain't up til
> March of next year.
>
> So has anybody got their June Q-Street yet?
>
> And anybody know the command line to make DigiPan more "sensitive"? Like
> all the other PSK-ish software I got will see anything that goes in the
> Line-In hole at the back of the computer 'cept for Digipan. That &
> figuring out how absolutely frequency sensitive some transformers can be
> . . .
>

> Now that I have the DSP board in my '718, I can hear again -- at least
> better with all the noise pushed below the signals by some very seriously
> serious degree.
>
> Maybe I should turn off the computer & go back to CW, eh?
>
> 73
>
> Nils
> -----
> Nils R. Bull Young -- W8IJN -- La Estancia de los Guajolotes Sonrientes
> <http://w8ijn.tripod.com> -- <http://members.fortunecity.com/nilsbull>
> "The island is closer than your memories are." -- Ian G. Bull Young, 15
> Feb 2002
>
> -----
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
> Join Juno today! For your FREE software, visit:
> <http://dl.www.juno.com/get/web/>.
>
> -----
>
> Date: Sun, 16 Jun 2002 20:53:38 -0500
> From: Gary Lee <kb9zuv@arrl.net>
> To: qrp-1@lehigh.edu
> Subject: [128220] argonaut mic, thanks
> Message-ID: <3.0.6.32.20020616205338.007d39e0@mailhost.ind.ameritech.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"
>
> Thanks to all for replies on argonaut 509 mic. Thanks to the wiring
> descriptions some sent, I realize that the shure 414 I have wired for my
> atlas 210x should work just fine.
>
> As a side question, Is there a physical way, ie.e. with a standard digital
> multimeter, to determine if a mic is high or low impedance?
> I've got the rs talking digital meter available.
> Thanks again to all.
>
> Gary Lee
> kb9zuv
>
>
> -----
>
> Date: Sun, 16 Jun 2002 21:55:44 -0400
> From: David Hinerman <WD8CIV@worldnet.att.net>

> To: qrp-1@lehigh.edu
> Subject: [128221] Re: HB: 4053 cmos switch as a mixer
> Message-ID:
<5.1.0.14.1.20020616214408.00b30e48@postoffice.worldnet.att.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"; format=flowed
>
> At 11:07 AM 6/16/2002 +0000, you wrote:
>
>
>
> >>From: Steven Weber <kd1jv@moose.ncia.net>
> >>Reply-To: kd1jv@moose.ncia.net
> >>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> >>Subject: HB: 4053 cmos switch as a mixer
> >>Date: Sat, 15 Jun 2002 19:05:32 -0400
> >>
> >>If you happened to look at Steve, VE3SMA's "Spartan Sprint Special" rig
in
> >>this months ARS on line magazine, you would have seen he's got a pretty
> >>unique rig there. I was especially interested in his use of a 74HC4053
as a
> >>mixer. This is a fairly common analog multiplexing switch.
> >
> >I've seen a couple of DC Rx designs using the 4053. Apparently there can
> >be a problem with the way the switches work, in that they don't 'break
> >before make' which can affect the performance. I don't think the 4066 has
> >this problem.
> >
> >It would probably need some careful testing to pin this down, though.
> >
> >I'm designing a mixer PCB using Colin Horrabin's circuit for the FST3125
> >CMOS bus switch. This is supposed to be the ultimate mixer for HF. A lot
> >more complex than Steve's, though and uses *lots* more power.
>
> Leon,
>
> The Linrad (Linux Radio) Web page mentions that the 74HC4053 exhibits
> make-before-break operation, and indicates that the 74HC4052 is superior
> because it is break-before-make. Also, since it is a dual 1-of-4 switch,
it
> is suitable for use as quadrature mixer (as in Tayloe Detector.)
>
> Linrad is a Linux program that accepts quadrature audio from such a
> detector and performs the necessary phase shifting and summation to
provide
> single-signal operation.
>

> The links below gives simple schematics for making the quadrature mixer,
> and other pages on the same site give more elaborate designs (including
one
> that includes AF feedback to increase te dynamic range).
>
> Linrad home page:
> <http://ham.te.hik.se/~sm5bsz/linuxdsp/linrad.htm>
>
> Simple I/Q mixer:
> <http://ham.te.hik.se/~sm5bsz/linuxdsp/iqmixer.htm>
>
> Advanced I/Q mixer with feedback:
> <http://ham.te.hik.se/~sm5bsz/linuxdsp/rxiq/mixer.htm>
>
> I've been playing with using the two halves of the 'HC4052 as the receive
> and transmit mixers of a DSB transceiver. So far so good...
>
> Dave
>
> -----
> "You can fool some of the people all of the time. That's enough to make a
> living." - Lance Burton
> -----
> Dave Hinerman
> WD8CIV@att.net
>
>
> -----
>
> Date: Sun, 16 Jun 2002 22:04:06 -0400
> From: "w8diz" <w8diz@fpqrp.com>
> To: <fpqrp-l@fpqrp.com>, <qrp-l@Lehigh.EDU>
> Subject: [128222] Re: [fpqrp] Truffle Hunts
> Message-ID: <01cb01c215a3\$4504cbf0\$39d81b41@cinci.rr.com>
> MIME-Version: 1.0
> Content-Type: text/plain;
> charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
>
> OK...we have 5 volunteers...need 5 more.
> You do NOT have to be a FP member to
> participate in the TRUFFLE HUNT.
>
> <http://fpqrp.com/struffle.html>
>
> Who's next?
>
> -Diz

>
> ----- Original Message -----
> From: "w8diz" <w8diz@fpqrp.com>
> To: <fpqrp-l@fpqrp.com>; <qrp-l@Lehigh.EDU>
> Sent: Sunday, June 16, 2002 4:45 PM
> Subject: [fpqrp] Truffle Hunts
>
>
> Hello everyone...
>
> Now that the Summer Fox Season is all set up, the Flying Pigs
> will also schedule the pre-fox warm-up AKA the Truffle Hunt.
> Schedule is 30 minutes running before the start of the FOX.
>
> This is great practice for the FOX wannabe's :)
> We will operate near 14060 Khz +/- 5 Khz, avoiding 14060 exactly.
>
> If you want to give it a try and be a truffle, email me ASAP.
>
> <http://fpqrp.com/struffle.html>
>
> 72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
> Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
> SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
> FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>
>
>
> -----
>
> Date: Sun, 16 Jun 2002 21:29:41 -0500
> From: "Kelly Ellison" <kelman@sofnet.com>
> To: <qrp-l@lehigh.edu>
> Subject: [128223] Great QRP weekend.
> Message-ID: <004201c215a6\$d6651b60\$b932c840@pavilion>
> MIME-Version: 1.0
> Content-Type: text/plain;
> charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
>
> Hello all,
>
> Had a great QRP weekend. First of all... my wife and son gave me a
Elecraft
> K1 for Fathers Day!
> Yesterday, I attended the Four State QRP get together with Doug KI6DS and
a
> half a dozen other
> nice QRP ops, ..and Looking forward to Field day with the group next

> weekend.
> Hope everyone had a great Father's day.
>
> 72,
>
>
> Kelly Ellison - WB0WQS
>
>
>
>
> -----
>
> Date: Mon, 17 Jun 2002 01:25:36 -0400
> From: "Terres Family" <terresfm@ncia.net>
> To: <gsailsbury@mobil1.net>
> Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [128224] Re: Index Labs QRP++ Microphone Help
> Message-ID: <000f01c215bf\$6a4a8280\$df82f3ce@computer>
> MIME-Version: 1.0
> Content-Type: text/plain;
> charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
>
>
> ----- Original Message -----
>
> > I have just purchased a QRP++ and need a MIC for.
> > 1. Can anyone tell me what MIC they used for it?
> > 2. The manual calls for MFJ 285W which they do not
> > carry anymore.
> > So need a little help getting this unit ready for field day.
> > Gene Sailsbury KC0IKY
>
> Hi Gene,
>
> from the manual for the QRP++ (not the single +):
> "Icom HM-65 and MFJ 285W can be used without modification."
> "is designed for use with electret type microphones." "Many other
microphones
> may be used if the connector is rewired appropriately."
>
> stereo (?mini) plug:
> tip no connection
> middle band MIC
> band furthest from tip GND
>

```

> -----|GND| |MIC| |NC|
>
>
> MIC connects to a 'normally open' PTT switch which connects to the
positive
> end of an electret element, the other end of the electret element connects
> to GND
> pretty simple
>
> MIC-----o/ o-----(+ electret)-----GND
>                PTT
>
> (try setting format to 'Plain Text' if it doesn't look right)
>
> 72/73 &good luck with field day
> jerry aa1of
> franconia nh
>
> (so if you go to radio shack to make one i guess you would get the $1.99
> electret element that has 2 connections and not the $2.99 one that has 3
> connections)
>
>
> -----
>
> Date: Mon, 17 Jun 2002 01:11:06 -0500
> From: "Gordon Couger" <gcouger@provalue.net>
> To: <TORourke@KaiserFT.com>,
>      "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: [128225] Re: Open air feeder impedance
> Message-ID: <01de01c215c5$c474e150$ab2dccc0@home>
> MIME-Version: 1.0
> Content-Type: text/plain;
>      charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
>
> I think you can get 25 ohms using 4 open wires. I know you can get 50 ohms
> in a size reasonable for a tower. If nothing else 2 sets of 4 wire feeders
> in parallel would give you 25 ohms. The formula is in the Antenna book.
>
> 72
> Gordon W5RED
> ----- Original Message -----
> From: "Tim ORourke" <TORourke@KaiserFT.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Monday, June 03, 2002 8:47 AM
> Subject: Open air feeder impedance
>

```

>

> : I need some assistance on calculating a 1/4 wave feeder assembly.
Desired

> : impedance is 25 ohm. I would like to use 1" square tube with 1/8" wall.
I

> : can calculate the impedance for a 7/8 Id sleeve and a 1/2" OD center
> : conductor but wondering abt fudge factor for square outer conductor
verses

> : round outer conductor. Any thoughts? First thought hr is to ignore it
and

> : keep going.

> : BTW I need to use the square tube for this project, details too long for
> : list.

> : Tim KG4CHX

> :

>

>

> -----

>

> Date: Mon, 17 Jun 2002 01:12:00 -0500

> From: "Gordon Couger" <gcouger@provalue.net>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Subject: [128226] RE: Feild Day

> Message-ID: <01e801c215c5\$e4ad79f0\$ab2dccd0@home>

> MIME-Version: 1.0

> Content-Type: text/plain;

> charset="iso-8859-1"

> Content-Transfer-Encoding: 7bit

>

> Look for a place you can get up a good antenna. Two tall trees and full
wave

> loop at 60 feet will make up for a lot of power on 20. At night have a
NEVIS

> set up on 80 if you plan to stay the night when 20 dies and 40 goes long.
If

> you are limited to one antenna a 66 foot wire fed 16.5 feet from one end
up

> 30 feet or so will be end fire on 20 and broad side on 40. Higher would be
> better of course. It should be about 2:1 on 20 and 3:1 on 40. You can hang
> dipoles for 10 and 15 on it as well.

>

> Just because you are limited on power you don't have to be limited on
> antennas.

>

> Gordon W5RED

> ----- Original Message -----

> From: "Delbert Long" <ad6we@hotmail.com>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Wednesday, May 29, 2002 4:34 PM
> Subject: Field Day
>
>
> : Having been licensed since 1974, it's about time I participated in Field
> : Day, dontcha think? This will be my first year trying it out.
> :
> : Yesterday, I took a long drive, and scoped out what I think will be a
good
> : location in the mountains near here, and I wonder what the group might
> have
> : to offer concerning successful QRP operation.
> :
> : Like...is it actually possible to hold a frequency without being blown
> away
> : by the QRO guys, or is it better to try "hunt and pounce?"
> :
> : I expect to have a portable dipole at about 30 ft or so for 20 meters...
> :
> : http://www.qsl.net/w3ff/antenna_design.htm
> :
> : And an inverted vee from the same mast for 40 and 15.
> :
> : HW-8 putting out about 1 1/2 to 2 watts and (hopefully) my 2N2/40.
> :
> : Might try the SMK-1 a little bit just for fun....
> :
> :
> : Any suggestions appreciated.
> :
> : Del, AD6WE
> :
> :
> : -----
> : Send and receive Hotmail on your mobile device: <http://mobile.msn.com>
> :
> :
>
>
>
> -----
>
> Date: Mon, 17 Jun 2002 07:42:46 -0400
> From: Alex <kr1st@amsat.org>
> To: wi8w@arrl.net
> Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: [128227] Re: ISS and Endeavour
> Message-ID: <3D0DCB36.8BF9504C@amsat.org>

> MIME-version: 1.0
> Content-type: text/plain; charset=us-ascii
> Content-transfer-encoding: 7bit
>
> WI8W wrote:
>
> > I listen on what seems like every pass but have never heard them. Guess
I
> > need a somewhat better 2 meter antenna than a vertical.
>
> A 19" whip is sufficient to hear them, which actually may very well
> outperform any other vertical because of it's radiation pattern.
> However, most of the time the digipeater is turned on for APRS support
> when they are using it to make voice contacts.
>
> 73s,
> --Alex
> (KR1ST)
>
> -----
>
> Date: Mon, 17 Jun 2002 08:14:35 -0400
> From: David Hinerman <WD8CIV@worldnet.att.net>
> To: qrp-l@lehigh.edu
> Subject: [128228] Re: HB: 4053 cmos switch as a mixer
> Message-ID:
<5.1.0.14.1.20020617075804.00a71530@ipostoffice.worldnet.att.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"; format=flowed
>
>
> >>I've been playing with using the two halves of the 'HC4052 as the
receive
> >>and transmit mixers of a DSB transceiver. So far so good...
> >
> >Thanks for that, Dave. I was thinking of making Steve's Rx with a few
> >mods. I'll use the 4052.
>
> Leon,
>
> The downside of the Tayloe detector is that it needs a 4x clock. I don't
> know what the top switching frequency of the 'HC4052 is, but I'm pretty
> sure it'll make 80M okay. Much higher and you many not be happy with the
> performance.
>
> Another idea I want to try, however, is to go ahead and use a quadrature
LO
> (suitably squared for digital use) and drive the 4052's select inputs from

> it. That way you still get quadrature detection but with an on-frequency
> (instead of 4x) LO. It's more complex than the Tayloe design, requiring an
> RF phase shift network, but it'll allow slower parts like the 'HC4052 to
> serve at higher frequencies.
>
> The thing to remember if trying this, is that the analog multiplexer will
> step through channels 0-1-3-2 instead of 0-1-2-3 with the digital divider.
> So you'll have to pick off your I and Q signals from different points. (I
> and Q are still 0 and 1, but -I and -Q trade places.)
>
> I found a Design Idea in EDN Magazine some time ago for a fairly broadband
> RF quadrature network. It converts phase errors (which always happen) into
> amplitude errors (which, once converted to digital levels, don't matter)
by
> taking the vector sum and difference of the outputs of the analog phase
> shift circuits. I'll post a scan of the article on my Web page once I get
> it scanned. Sadly, it's too old to be on EDN's Web site. It's a completely
> passive circuit, using only a couple of small baluns, two inductors and
> capacitors for phase shifting, and a terminating resistor.
>
> Since I have more ideas than time, I wanted to pass these along so either
> a) someone else can use them or b) somebody smarter than me can point out
> the flaws in them, and save me the time of trying to make them work.
>
> Dave
>
>
> -----
> "You can fool some of the people all of the time. That's enough to make a
> living." - Lance Burton
> -----
> Dave Hinerman
> WD8CIV@worldnet.att.net
>
>
> -----
>
> Date: Mon, 17 Jun 2002 08:20:29 -0400
> From: "John W. Nally" <nally@talstar.com>
> To: <qrp-1@lehigh.edu>
> Subject: [128229] Resistor notation
> Message-ID: <001701c215f9\$5f2140d0\$0100a8c0@XPSYSTEM>
> MIME-Version: 1.0
> Content-Type: text/plain;
> charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
>
> I'm building a little project, and the schematic that I am using has some

> unusual (to me) notation for the resistors. For example, R1 is identified
> as "4R 80W" and R3 is identified as "OR15 5W."
>
> I am not sure what this notation means -- if someone could clue me in, I
> would be grateful. I could make guesses, but would rather know for sure.
>
> By the way, if you are kind enough to reply, if you would tell me the
> general notation (rather than just those two specific examples) that would
> be wonderful. Kind of along the lines of showing me how to fish rather
than
> just giving me a fish. :-)
>
> Thanks much,
>
> John AF4WM
>
>
>
> -----
>
> Date: Mon, 17 Jun 2002 08:38:00 -0400
> From: "Lofstead, Jerry" <Jerry.Lofstead@McKesson.com>
> To: "'brian@iquest.net'" <brian@iquest.net>,
> Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: [128230] RE: 12V SLAs on Sale...!
> Message-ID: <078F21595FA7D411B87B00805FA728E64A5009@atlexc02ntms.hboc.com>
> MIME-Version: 1.0
> Content-Type: text/plain;
> charset="ISO-8859-1"
>
>
>
> Simple solution! NON Dangerous and mfg. recommended.. Attach a
> charger across the battery and let it sit for a week or two. Check the
> voltage of the battery with the charger disconnected, in a couple of days
to
> check battery status It will usually recover unless it is dry.
>
> If you want to sit and watch it... Apply 24 VDC current limited to the
> battery and watch the drawn current. This will "hurry up" the reforming
of
> the battery. When you see current increasing, apply the proper 13.8 VDC
and
> let it set a week or two to charge
>
> Jerry
> W3CDE
>

> -----Original Message-----

> From: Brian Murrey [mailto:brian@iquest.net]

> Sent: Sunday, June 16, 2002 9:40 AM

> To: Low Power Amateur Radio Discussion

> Subject: Re: 12V SLAs on Sale...!

>

>

> I bought one for \$10...mine has a date stamp of 931218E

>

> I should have paid attention.

>

> It will not charge at all.

>

> WV9N bought one too...his is fine.

>

>

> ----- Original Message -----

> From: "KD5NWA" <KD5NWA@mbayona.com>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Saturday, June 15, 2002 12:24 AM

> Subject: Re: 12V SLAs on Sale...!

>

>

> > They had them on sale at Dayton for \$10.00 but I didn't feel like
> lugging

> > them around.

> >

> > Cecil

> > KD5NWA

> >

> > ----- Original Message -----

> > From: "Conrad Weiss" <radman@best.com>

> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> > Sent: Friday, June 14, 2002 6:26 PM

> > Subject: 12V SLAs on Sale...!

> >

> >

> > > Ganguer,

> > >

> > > Mendelson Electronics Co has a Father's Day Sale, featuring NEW
> 12V, 17AH

> > > SLA batteries & other goodies. The price is certainly right on
> these new

> > > Portalac SLAs - \$15.95 >less< %15 = \$13.56 each!

> > >

> > > Medelson's is located in Dayton, OH 45402 ... so the next exercise
> is

> > > surfing to www.ups.com to calculate shipping costs to your QTH -

> unless
> > you
> > > can are close enuff to drive there.
> > >
> > > The fine print: they have a minimum order of \$20, so one is
> tempted to
> > > order *two* of these puppies for \$27.11 + \$4.00 handling. Then
> calculate
> > > your shipping based on 16 pounds per battery (gross weight.)
> > >
> > > I live on SF Bay.... hardly 'cross the street from these guys.
> Yet, I had
> > > their customer service rep calculate my total cost for two batts
> shipped
> > > UPS to my door. Total cost to me: \$52.11. This gives me 2 - 12V,
> 17AH
> > batts
> > > - a total of 34AH in two 13.5 pound leak-proof packages. A nice
> portable
> > > power source for parkbench ops/car camping or even packing a
> single batt
> > > for a short hike in.
> > >
> > > For reference, a PowerSonic 12V, 18AH SLA costs me \$47.50
> (locally) + CA
> > > tax - roughly twice as much. I can't vouch for these Father's Day
> SLAs on
> > > sale, as I haven't tried them - but the price is certainly right!
> > >
> > > Check it out at URL: <http://www.meci.com/>
> > >
> > > Description follows from their web page:
> > >
> > > New sealed lead acid battery. 12V, 17 AH.
> > > 1/2" terminal leads with 1/4" hole.
> > > Dimensions: 7" (w) x 3" (d) x 6-5/8" (h). Weight: 13.5 pounds.
> > > Color: Grey
> > > MFG: Portalac MECI Part Number: 140-0094
> > >
> > > Their toll-free number is: 1-800-344-4465 & plastic is accepted.
> > >
> > > Let me know if you try 'em. There's still time to run 'em for
> Battery
> > Field
> > > Day if you can pick them up. 34AH should give you *plenty* of
> runtime for
> > > FD; lots of air time for that K2 or FT817, eh ? No wimpy AC mains
> or

> > diesel
> > > gensets... battery power yields big point scores for FD!
> > >
> > > Power onward,
> > >
> > > Conrad Weiss
> > > NN6CW not a rep for Mendelson's; never even been
> there :)!
> > > OR... have any of you guys heard of a better deal on Yuasas or
> PowerSonics
> > > ? :)
> > >
> > >
> >
> >
>
> -----
>
> Date: Mon, 17 Jun 2002 14:01:38 +0100
> From: "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
> To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
> Subject: [128231] Re: Resistor notation - showing me how to fish
> Message-ID: <004801c215ff\$30965ec0\$1d7986d9@celeron>
> MIME-Version: 1.0
> Content-Type: text/plain;
> charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
>
> Blame it on us Brits John. Just consider the multiplier as the place you
> would put the decimal point.
>
> So 4R is 4.0 ohms, and 0R15 is 0.15 ohms. We think it's a better system
> (but
> then we would) because the decimal point can disappear when photocopied
> etc.
>
> So a few more examples... 4K7 is 4.7K ohms , 5M6 is 5.6 Meg ohms etc...
>
> The "W" is the power rating in watts so that 4 ohm resistor will be fun to
> find :-)
>
> Kind regards
> Tony - G4WIF
>
> ----- Original Message -----
> From: "John W. Nally" <nally@talstar.com>
>
>

> > I'm building a little project, and the schematic that I am using has
some
> > unusual (to me) notation for the resistors. For example, R1 is
identified
> > as "4R 80W" and R3 is identified as "0R15 5W."
> <snip>
> > By the way, if you are kind enough to reply, if you would tell me the
> > general notation (rather than just those two specific examples) that
would
> > be wonderful. Kind of along the lines of showing me how to fish rather
> > than just giving me a fish. :-)
>
>
>
>
>
> -----
>
> Date: Mon, 17 Jun 2002 09:13:27 -0400
> From: David Hinerman <WD8CIV@worldnet.att.net>
> To: qrp-1@lehigh.edu
> Subject: [128232] Re: Resistor notation - showing me how to fish
> Message-ID:
<5.1.0.14.1.20020617090455.00a5a550@ipostoffice.worldnet.att.net>
> Mime-Version: 1.0
> Content-Type: text/plain; charset="us-ascii"; format=flowed
>
> At 02:01 PM 6/17/2002 +0100, you wrote:
> >Blame it on us Brits John. Just consider the multiplier as the place you
> >would put the decimal point.
>
> Tony,
>
> It's amazing how the pendulum has swung from the, well, "eccentric"
British
> units (still in use in the U.S.) to the "super-efficient" Metric units now
> used over there.
>
> I attended a conference on world energy markets and production last
spring.
> The conference was addressed by a Brit who spoke on, among other things,
> natural gas production and consumption around the globe. He gave figures
> for Europe, Asia, and South America in therms, and for North America (with
> an aside on how we annoyingly persisted in using an archaic unit abandoned
> by Britain years ago) in BTUs.
>
> There's no one so ready to point out sin as a reformed sinner. (Grin)
>

> Dave
>
> P.S. I happen to like that notation for component values - now if I could
> just buy parts marked that way. D.
>
>
> -----
> "You can fool some of the people all of the time. That's enough to make a
> living." - Lance Burton
> -----
> Dave Hinerman
> WD8CIV@worldnet.att.net
>
>
> -----
>
> Date: Mon, 17 Jun 2002 09:36:14 -0400
> From: geoff allsup <gallsup@whoi.edu>
> To: rfcdma@spinn.net
> Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: [128233] Re: BLT question
> Message-ID: <3D0DE5CE.51CAF4EE@whoi.edu>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
>
> rfcdma@spinn.net wrote:
> >
> > Been messing with my K1 and a portable
> > dipole set up using twin lead and a BLT.
> > The BLT tunes great on 40 and 30 but
> > nothing on 20 or 15. Have used
> > different lengths of wire from longer
> > than 40 to resonant on 20 and it still
> > doesn't work on 20 or 15. Instructions
> > mention that it tunes on 40 thru 10
> > using a nor cal doublet. What is a nor
> > cal doublet? Any suggestions on why the
> > tuner doesn't work for me on 20m?
> > Thanks
> > -Dave
>
> Hi Dave
>
> I've found the BLT to be touchier to tune on 20 and 15, but it does
> work; just VERY sharp, so always peak on RX noise first, then try to
> tune in dim light so you can see even the slightest dimming of the LED.
>

> Norcal doublet as described to me is just a piece of 2-conductor zip
> cord / speaker wire pulled apart into a dipole, then secured with a
> cable tie at the mid-point and the rest of the wire is the feedline!!
> Simple. So for example, if you have 50 feet of speaker wire, and want
> to make a 20 meter "Norcal Doublet", you strip apart about the first 17
> feet (for 33 ft dipole and a bit to make end loops to tie to support
> string/rope). Secure the mid point with a nylon cable tie, and the
> remaining 33 feet is your feedline. And offhand, I think going a little
> long on the dipole (low freq end of band) is better than being too
> short....
>
> 72,
> geoff
> --
> *****
> Geoff Allsup, W10H gallsup@whoi.edu or w10h@arrl.net
> Upper Ocean Processes Group
> Woods Hole Oceanographic Institution Woods Hole, MA, USA
> *****
>
> -----
>
> Date: Mon, 17 Jun 2002 13:37:48 +0000
> From: "Leon Heller" <leon_heller@hotmail.com>
> To: nally@talstar.com, qrp-1@Lehigh.EDU
> Subject: [128234] Re: Resistor notation
> Message-ID: <F132GJ2TUSzbAUfKRfc0000b06d@hotmail.com>
> Mime-Version: 1.0
> Content-Type: text/plain; format=flowed
>
>
>
>
> >From: "John W. Nall" <nally@talstar.com>
> >Reply-To: nally@talstar.com
> >To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> >Subject: Resistor notation
> >Date: Mon, 17 Jun 2002 08:20:29 -0400
> >
> >I'm building a little project, and the schematic that I am using has some
> >unusual (to me) notation for the resistors. For example, R1 is
identified
> >as "4R 80W" and R3 is identified as "OR15 5W."
> >
> >I am not sure what this notation means -- if someone could clue me in, I
> >would be grateful. I could make guesses, but would rather know for
sure.
>

> That notation is common in Europe. 4R (should really be 4R0) means 4.0
ohms,
> and 0R15 means 0.15 ohms. 1K2 is 1.2K, and so on. Similarly for Cs and Ls:
> 1n5 is 1.5 nF and 4u7 is 4.7 uH.
>
>
> 73, Leon
> --
> Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
> My web page: http://www.geocities.com/leon_heller
> My low-cost Altera Flex design kit: <http://www.leonheller.com>
>
>
> -----
> Chat with friends online, try MSN Messenger: <http://messenger.msn.com>
>
>
> -----
>
> Date: Mon, 17 Jun 2002 13:43:21 +0000
> From: "Leon Heller" <leon_heller@hotmail.com>
> To: WD8CIV@worldnet.att.net, qrp-1@Lehigh.EDU
> Subject: [128235] Re: Resistor notation - showing me how to fish
> Message-ID: <F14979Sk4iS2fRu29io0000206e@hotmail.com>
> Mime-Version: 1.0
> Content-Type: text/plain; format=flowed
>
>
>
>
> >From: David Hinerman <WD8CIV@worldnet.att.net>
> >Reply-To: WD8CIV@worldnet.att.net
>
> [deleted]
>
> He gave figures for Europe, Asia, and South America in
> >therms, and for North America (with an aside on how we annoyingly
persisted
> >in using an archaic unit abandoned by Britain years ago) in BTUs.
> ^^^^
> British Thermal Units! I don't think we used them when I was at school
over
> 40 years ago, although they have been used on domestic boilers for years.
>
> 73, Leon
> --
> Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
> My web page: http://www.geocities.com/leon_heller

> My low-cost Altera Flex design kit: <http://www.leonheller.com>
>
>
>
> -----
> Chat with friends online, try MSN Messenger: <http://messenger.msn.com>
>
>
> -----
>
> Date: Mon, 17 Jun 2002 11:03:14 -0400
> From: W2AGN <w2agn@w2agn.net>
> To: qrp-1@lehigh.edu
> Subject: [128236] Where is QRPDUPE?
> Message-ID: <3D0DC1F2.28115.812B4B@localhost>
> MIME-version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7BIT
> Content-description: Mail message body
>
> I know K7RE's page moved, but I don't remember where. All the
> links I have for QRPDUPE don't work. Anyone have the new one?
>
> John L. Sielke W2AGN
> <http://www.w2agn.net>
>
> -----
>
> Date: Mon, 17 Jun 2002 08:14:35 -0700
> From: Phil Wheeler <w7ox@earthlink.net>
> To: w2agn@w2agn.net
> Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: [128237] Re: Where is QRPDUPE?
> Message-ID: <3D0DFCDB.2030207@earthlink.net>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=windows-1252; format=flowed
> Content-Transfer-Encoding: 7bit
>
> All I have is this, John:
>
> <http://members.mato.com/bkassel/>
>
> 73, Phil
>
> W2AGN wrote:
>
> >I know K7RE's page moved, but I don't remember where. All the
> >links I have for QRPDUPE don't work. Anyone have the new one?
> >

> >John L. Sielke W2AGN
> ><http://www.w2agn.net>
> >
>
>
>
>
>
> -----
>
> Date: Mon, 17 Jun 2002 11:27:27 -0400
> From: Mike Czuhajewski <wa8mcq@comcast.net>
> To: qrp-l@lehigh.edu, GQRP List <GQRP@yahoogroups.com>
> Cc: wa8mcq@comcast.net
> Subject: [128238] Heathkit schematics online
> Message-ID: <000701c21613\$7d5e0aa0\$6501a8c0@gambrl01.md.comcast.net>
> MIME-version: 1.0
> Content-type: text/plain; charset=iso-8859-1
> Content-transfer-encoding: 7BIT
>
> I stumbled across this site recently. It has schematics for a wide
variety
> of Heathkit items, including the HW-7, HW-8 and HW-9. They are broken up
> into a number of files; the HW-7 is split into 4, the HW-8 into 8, and the
> HW-9 into 9. (The latter appears as a single file here, but it's actually
a
> ZIP file.) The files are in either GIF or TIF format, depending on which
rig
> you're looking at, and you'll have to paste them together if you want to
> look at the entire schematic at once. BTW, the site has schematics for
some
> of their other rigs, too, including several in the HW and SB series.
>
> <http://www.circuitarchive.co.uk/heath.htm>
>
> 73 and queue our pea DE WA8MCQ
>
>
>
>
> -----
>
> Date: Mon, 17 Jun 2002 11:44:50 -0400
> From: "Steve Lawrence" <Steve.Lawrence@ITWFEG.COM>
> To: qrp-l@Lehigh.EDU
> Subject: [128239] Re: 12V SLAs on Sale...!
> Message-ID:
<0F3C46C610.B6EA7E0C-0N85256BDB.005651A1-85256BDB.00567FF4@itwfeg.com>
> MIME-Version: 1.0

> Content-Type: text/plain; charset="us-ascii"
>
> A quick Google search of the web reveals a number of sources for this
> product, and at a wide price range.
>
> Steve
> aa8af
>
>
>
>
>
> aluscre <aluscre@neo.rr.com>
> Sent by: owner-qrp-l@Lehigh.EDU
> 06/16/2002 11:41 AM
> Please respond to aluscre
>
>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> cc:
> Subject: Re: 12V SLAs on Sale...!
>
>
> Don't know if this might be of help
> <http://www.vdcelectronics.com/batteryminder.htm>
>
> Mike Yetzko wrote:
>
> > Well, if it's trashed, and you have nothing left to loose....
> >
> > I've been told that in a fair number of situations, the failure mode of
> > those things is a stratification of the gel. When that happens, it
> > won't take a charge, pretty much no matter what you do.
> >
> > Well, within reason.
> >
> > Outside of reason, I've been told that some people have had success
> > by shorting the things with another battery. That is, + to - and - to +
> > to make a HUGE current flow through the failed battery for just a few
> > seconds. (Hmm... I wonder how many times that 'few seconds' limit
> > is due to the explosion of one of the batteries!) This REPORTEDLY
> > has recovered a few batteries for people. Key is 'a few seconds'!
> >
> > Now, I'm not saying do something reckless that may blow up a battery
> > in your face, so I'd never post this as a 'try this'. I just posted
> this
> > as
> > "I heard that..." kind of thing. But... If "I" were to try it, I'd

> > make
> > sure I did it where any violent expansions would not injure me or any
> > other person, or property.
> >
> > PLEASE remember, batteries that gas excessively CAN and WILL
> > explode.
> >
> > Mike
> >
> > ----- Original Message -----
> > From: "Brian Murrey" <brian@iquest.net>
> > To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> > Sent: Sunday, June 16, 2002 9:40 AM
> > Subject: Re: 12V SLAs on Sale...!
> >
> > > I bought one for \$10...mine has a date stamp of 931218E
> > >
> > > I should have paid attention.
> > >
> > > It will not charge at all.
> > >
> > > WV9N bought one too...his is fine.
>
> --
> |-----|
> Anthony A. Luscre
> K8ZT
> Stow, Ohio
> |-----|
> Visit My Website at
> <http://www.qsl.net/k8zt>
> |-----|
>
>
>
>
>
>
>
>
> -----
>
> Date: Mon, 17 Jun 2002 10:57:07 -0500
> From: <jfox6@houston.rr.com>
> To: "QRP" <qrp-l@lehigh.edu>
> Subject: [128240] General inquiry
> Message-ID: <002001c21617\$a1bbe620\$6125ae18@houston.rr.com>
> MIME-Version: 1.0
> Content-Type: text/plain;

> charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
>
> Hi Gang,
> I have an old model Hickok Signal Generator Model 4600.
> I am trying to modify it to make a sweep oscillator etc.
>
> However, Some good hearted soul with a clean fetish cleaned the tubes (
al;l
> two of them).. One is still marked as 12AT7 but who knows what the other
> one is??
>
> Anyone have a schematic of this little beast?
>
> 73,
>
> Foxy
> jfox6@houston.rr.com
> <http://www.qsl.net/w5hir>
>
>
> -----
>
> Date: Mon, 17 Jun 2002 12:31:37 -0400
> From: aluscre <aluscre@neo.rr.com>
> To: w2agn@w2agn.net
> Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
> Subject: [128241] Re: Where is QRPDUPE?
> Message-ID: <200206171630.g5HGUov19727@clmboh1-smtp3.columbus.rr.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
>
> I have a link to QRP Dupe and a few other free FD logging programs on
> software portion of my web site
> <http://www.qsl.net/k8zt/logging.html>
>
>
> W2AGN wrote:
>
> > I kinow K7RE's page moved, but I don't remember where. All the
> > links I have for QRPDUPE don't work. Anyone have the new one?
> >
> > John L. Sielke W2AGN
> > <http://www.w2agn.net>
>
> --
> |-----|

```

> Anthony A. Luscre
> K8ZT
> Stow, Ohio
> |-----|
> Visit My Website at
> http://www.qsl.net/k8zt
> |-----|
>
>
>
>
> -----
>
> Date: Mon, 17 Jun 2002 12:09:09 -0400
> From: W2AGN <w2agn@w2agn.net>
> To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>,
> w7ox@earthlink.net
> Subject: [128242] Re: Where is QRPDUPE?
> Message-ID: <3D0DD165.21210.BD89BE@localhost>
> MIME-version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7BIT
> Content-description: Mail message body
>
> On 17 Jun 2002 at 8:14, Phil Wheeler wrote:
>
> > All I have is this, John:
> >
> > http://members.mato.com/bkassel/
> >
> > 73, Phil
> >
>
> Thanks, that did it. I still had the old "dancris.com" address.
>
> --
>
> / \ / \ / \ / \ / \ John L. Sielke
> ( W ) ( 2 ) ( A ) ( G ) ( N ) http://www.w2agn.net
> \_ / \_ / \_ / \_ / \_ / ARCI, NJQRP,
> ARQrp, GQRP, RSGB
> Ex- K3HLU, W7JEF, W4MPC, N4JS
>
> -----
>
> Date: Mon, 17 Jun 2002 12:07:55 -0400
> From: "Ron McConnell" <rcmcc@earthlink.net>
> To: <njqrp@njqrp.org>, "'G-QRP Club'" <GQRP@egroups.com>,

```

> ". QRP-L'" <qrp-l@lehigh.edu>
> Cc: "Ron McConnell" <rcmcc@earthlink.net>
> Subject: [128243] Re: AT in PA (Antenna Testing Session)
> Message-ID: <000001c21619\$25f67ee0\$b3cba441@earthlink.net>
> MIME-Version: 1.0
> Content-Type: text/plain;
> charset="us-ascii"
> Content-Transfer-Encoding: 7bit
>
>
> Tom says,
> "Just make up your 25 ft twin lead....
> Next make two jumpers in 3 ft and 7 ft...
> add banana jacks (male & female),..."
>
> What Tom is suggesting is the approach that
> Cecil Moore, W5DXP, uses for his all-band,
> no-tuner doublet antenna. He has a panel
> of lengths of 450 ohm feedline that
> he inserts/removes to achieve a reasonable
> impedance at the transceiver side.
>
> <http://www.qsl.net/w5dxdp/notuner.htm>
>
> For home use, Cecil has 130 ft horizontal
> center-fed doublet. The same idea should
> do fine for a portable 66 ft inverted-V
> with a couple of inserts as Tom suggests.
>
> 300 ohm twinlead should be fine
> and easier to deal with than 450-ohm
> ladder line on the trail.
> Some of Gary N3GO O'Neill's work on J-poles
> suggests that the 300 ohm impedance
> is more optimum than 450 ohms
> for such impedance matching work
> See Gary's 1995 Communications Quarterly
> article via the link at AA5TB's
> end-fed/j-pole antenna page
>
> <http://www.qsl.net/aa5tb/>
>
> To get a good feel for how the
> feed impedance of a dipole and the impedance
> at the feedline transceiver end varies with
> length, wire gauge, feedline type and length
> and height above ground, ...
> try G4FGQ's very neat, easy to use, _freeware_

> DIPOLE3.exe program from
>
> <http://www.btinternet.com/~g4fgq.regp/>
>
> DIPOLE3 is set up for horizontal dipoles,
> but the general behavior holds for
> an inverted V.
> While you are there you might as well
> download the whole pile of G4FGQ's
> small, handy, instructive antenna
> and t-line programs.
>
> Cheers, 73,
>
> Ron McConnell
> w2iol@arrl.net
>
> PS: Ron, we will somehow, somewhere, sometime
> arrange to do the battery exchange.
> Thanks for your patience.
>
>
>
>
>
> -----
>
> Date: Mon, 17 Jun 2002 13:44:07 -0500
> From: Ken Hopper <khopper@uchicago.edu>
> To: QRP-L <qrp-l@Lehigh.EDU>, steppir <steppir@yahoogroups.com>,
> towertalk <towertalk@contesting.com>
> Subject: [128244] [OT] weatherproof tape for antennas?
> Message-ID: <3D0E2DF7.10602@uchicago.edu>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii; format=flowed
> Content-Transfer-Encoding: 7bit
>
> Hi, this is a little off topic. I am trying to find weatherproof tape for
> outdoor antennas. Anyone have a recommendation?
>
> I used common duct tape and over a very short time it fell apart leaving
> ugly
> tails on my masts and wires. There must be something stronger and more
> waterproof.
>
> Someone suggested type "88" but I was unable to find it at the local ACE
> Hardware store. Where should I look? in a speciality catalog? i
>

> Is there such a thing called "silicon tape" that matures into a single
bond
> over time?
>
> Thanks,
> de ken n9vv
> <http://www.n9vv.com>
>
>
> -----
>
> Date: Mon, 17 Jun 2002 15:16:16 -0400
> From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
> To: qrp-1@Lehigh.EDU
> Subject: [128245] Info on Butternut HF-2V 80/40M Vertical
> Message-ID: <0FB06DBB86.8B7EDC93-0N85256BDB.0069AA97@and.us.ray.com>
> MIME-Version: 1.0
> Content-type: text/plain; charset=us-ascii
>
> Looking for data on 80 and 40 performance from the 32' high vertical.
>
> Please respond directly.
>
> Ron - N1ZSW
>
>
>
> -----
>
> Date: Mon, 17 Jun 2002 18:56:46 +0200
> From: "Juanjo Pastor" <ec5aca@wanadoo.es>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Subject: [128246] DX QSO
> Message-ID: <000b01c21620\$2be83d00\$c233243e@fer>
> MIME-Version: 1.0
> Content-Type: text/plain;
> charset="iso-8859-1"
> Content-Transfer-Encoding: quoted-printable
>
> Hello everybody,
>
> I will be between 21.050 and 21.060 this evening at 20:00 UTC.
> Hope to read some of you there!
>
> 73, 72 de Juanjo, EA5CHQ-EC5ACA. EA-QRP #104, G-QRP #9742,
> QRP-L #1662.
>
> Juanjo Pastor

> C/San Roque, 4-1=BA
> 46460 Silla
> SPAIN
>
> e-mail: ea5chq@wanadoo.es
> Tel.: +034 96 120 17 67
> Movil: 651 35 35 11
>
>
> -----
>
> Date: Mon, 17 Jun 2002 14:21:01 -0500
> From: "Donald Dorn" <DDORN@CWIS.NET>
> To: "QRP RADIO" <QRP-L@Lehigh.EDU>
> Subject: [128247] TR LOG
> Message-ID: <000b01c21634\$1f125200\$2e69a5d0@computer>
> MIME-Version: 1.0
> Content-Type: text/plain;
> charset="iso-8859-1"
> Content-Transfer-Encoding: 7bit
>
> In case anybody is interested, a freeware version of TR Log has been made
> available for download. It supports a limited number of contests but Field
> Day is one of them.
> To get it go to <http://www.qth.com/tr/free.html>
>
> Don K5AAR
>
>
> -----
>
> Date: Mon, 17 Jun 2002 14:56:26 EDT
> From: NA1XX@aol.com
> To: qrp-l@Lehigh.EDU
> Subject: [128248] MFJ QRP For Sale
> Message-ID: <186.9585837.2a3f8ada@aol.com>
> MIME-Version: 1.0
> Content-Type: text/plain; charset="US-ASCII"
> Content-Transfer-Encoding: 7bit
>
> Hi Folks,
> I have for sale a three year old MFJ 9020 cw rig fine condition, case
> repainted white to minimize thermal influences when in the field.
Includes
> Whiterook MK-60ms keyer and Radio Shack Micronta 2.5 amp power supply.
Asking
> \$120, shipped to continental USA.
> 73

> Mike
> NA1XX
> North Weymouth MA
> email NA1XX@aol.com
>
> -----
>
> Date: Mon, 17 Jun 2002 17:47:41 +0000
> From: ve3ab@mail.mondenet.com
> To: qrp-l@lehigh.edu
> Subject: [128249] 60 meters..question ..when?..also..heath hw12or 16 on
60?
> Message-ID: <200206172148.g5Hlmgw06587@genesis.dmz.mondenet.com>
> MIME-Version: 1.0
> Content-type: text/plain; charset=US-ASCII
> Content-transfer-encoding: 7BIT
>
> Ive seen these posts on 60 meters..Im looking forward to a new low
> band..hopefully it wont be jammed with foreign broadcasters ..like 40
> was..is.
> Anyways..I have an old HW12 and I may be able to modify coverage.
> Also ..i have an HW16..and there was a QST article on modifying it
> from 15 mtrs to 20 mtrs..so im sure it could be done in a similar
> fashion to get it on 60 mtrs!-a heterdyne osc crystal req'd..the
> PA tank circuit mod..new tap on coil..that sort of thing.
> There was an old QST article in the 70-s aboiut modifying an
> HW12 into a three bander. My QST collection does not go back that
> far..I wonder if anyone could send me the article(s)..Id gladly repay
> costs. I have a DDDS Vfo ..so im not worried about that angle. So
> could anyone give a projected estimate on just when we can start
> using 60 mtrs..so I can plan my projects..Also..how big a slice of
> sprectrum would we get?...73 Earl VE3AB
>
> -----
>
> Date: Mon, 17 Jun 2002 16:34:19 US/Central
> From: delphinus@brightok.net
> To: qrp-l@lehigh.edu
> Cc: n2ff@arrl.org
> Subject: [128250] OT: "Radio Row"
> Message-ID: <200206172133.QAA03307@mail2.brightok.net>
>
> Hey,
>
> There is a project afoot to gather audio artifacts related to the World
Trade
> Center before, during, and after the diaster struck. The thing that
caught my

> eye was the fact that it was called, "Radio Row" before the trade centers
were
> built. Apparently, the site hosted the largest grouping of radio and
> electronics stores in the world!
>
> They are asking for information. Surely some of you out there have QSL
cards
> harking back to that site or purchased ham radios on "Radio Row?" Here's
a
> chance to get some ham history into the news. Here is their plea...
>
> TELL US WHAT IS OUT THERE.
> If you have personal recordings, stories or remembrances,
> call NPR's SONIC MEMORIAL HOTLINE at (202) 408-0300 or
> email us info@sonicmemorial.org.
>
> See <http://www.sonicmemorial.org/radiorow/radiorow.html> for the original
> article.
>
> 73, Matthew AD5AP
>
>
> -----
> This message was sent using BrightNet MailMan.
> <http://www.Brightok.net/mailman/>
>
>
>
> -----
>
> Date: Mon, 17 Jun 2002 17:05:01 -0500
> From: "Karl Kanalz" <kkanalz@gcecisp.com>
> To: <khopper@uchicago.edu>,
> "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
> Subject: [128251] Weatherproof tape for antennas
> Message-ID: <NFBBKOMEFGJGEBABODP00EMKCFAA.kkanalz@gcecisp.com>
> MIME-Version: 1.0
> Content-Type: text/plain;
> charset="US-ASCII"
> Content-Transfer-Encoding: 7bit
>
> Ken,
>
> Send me an e-mail with your [desired] mailing address. I'll send you
> some wide tape (made by Thomas & Betts) that you can use for
> truly weather-proof connections on your antenna(s). It's easy to apply,
> non-gooey, self-vulcanizing into itself, and can be easily removed
> with a pocket knife should you ever need to get to the "connection"

> enclosed within. I've had this in use on antennas, baluns, outdoor
> splices, et cetera for several years (even used it in mobile connections)
> without a problem. There's no exothermic or acidic action in the pro-
> cess either!

>
> Karl K - W8TIF
> McKinney, Texas
>

> -----Original Message-----

> From: Ken Hopper
> Sent: Monday, June 17, 2002 1:44 PM
> To: Low Power Amateur Radio Discussion
> Subject: [OT] weatherproof tape for antennas?

>
> Hi, this is a little off topic. I am trying to find weatherproof tape for
> outdoor antennas. Anyone have a recommendation?

>
> I used common duct tape and over a very short time it fell apart leaving
> ugly
> tails on my masts and wires. There must be something stronger and more
> waterproof.

>
> Someone suggested type "88" but I was unable to find it at the local ACE
> Hardware store. Where should I look? in a speciality catalog? i

>
> Is there such a thing called "silicon tape" that matures into a single
bond
> over time?

>
> Thanks,
> de ken n9vv
> <http://www.n9vv.com>

>
>
>
>
> -----

>
> Date: Mon, 17 Jun 2002 17:12:45 -0500
> From: Dave Sjolín <sjolin@swbell.net>
> To: Ronald_A_Pfeiffer@raytheon.com,
> Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
> Subject: [128252] Re: Info on Butternut HF-2V 80/40M Vertical
> Message-ID: <[055401c2164c\\$1c63e6f0\\$c7dfd840@DaveSjolin](mailto:055401c2164c$1c63e6f0$c7dfd840@DaveSjolin)>
> MIME-version: 1.0
> Content-type: text/plain; charset=iso-8859-1
> Content-transfer-encoding: 7BIT

>
> Ron, I have an HF-2V and I seldom find anything I cant work anywhere in

the

> world on forty meters with only 100 watts. Put down a decent ground system
> (at least 12 radials, any length) and it will perform great for dx and for
> working say the west coast from here in the Midwest. It may not work as
well

> for working stations a few hundred miles away because the angle of
radiation

> may be too low for that.

>

> On 80 meters it also works reasonably well. I can work into Europe or
South

> America using 100 watts but more power is usually required. Stateside I
can

> work anything I can hear.

>

> I also have the 160 meter and 30 meter coils on my HF-2V. Thirty meters is
> fantastic. About the same as 40 meters. On 160 it works but not very well.

> Also on 160 the bandwidth is very narrow (swr under 2:1 is only about 20
> khz).

>

> With the antenna as described I can work 160, 80, 40, 30, 15, and
> surprisingly six meters without a tuner. Bandwidth with swr under 2:1 is
> about 75 khz on 80, entire band on 40, 30, and 15. Recently when my
> lawnmower cut the coax on my other HF antenna (Cushcraft R5). As a result
I

> used the Butternut successfully at 100 watts on both 20 and 17 meters
using

> the tuner in my Kenwood TS940S.

>

> Note: Fifteen meters performance with the ground mounted Butternut is
> anywhere from a few db to a couple s-units better than 15 meter
performance

> of my Cushcraft R5 which is mounted up about 15 feet.

>

> Hope that helps. 73 de Dave, N0IT

>

>

> ----- Original Message -----

> From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Monday, June 17, 2002 2:16 PM

> Subject: Info on Butternut HF-2V 80/40M Vertical

>

>

> > Looking for data on 80 and 40 performance from the 32' high vertical.

> >

> > Please respond directly.

> >

> > Ron - N1ZSW
> >
> >
> >
>
>
>
> -----
>
> Date: Mon, 17 Jun 2002 14:19:23 -0800
> From: Jim Larsen - AL7FS <AL7FS@arrl.net>
> To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
> Subject: [128253] For Sale: Butternut HF9V HF Vertical Antenna
> Message-ID: <3D0E606B.6D9A436D@ARRL.NET>
> MIME-Version: 1.0
> Content-Type: text/plain; charset=us-ascii
> Content-Transfer-Encoding: 7bit
>
> AES price: HF9V BUTTERNUT HF VERTICAL \$389.99 plus shipping
>
> I have a Butternut HF9V HF Vertical Antenna for sale for \$210.00. These
> are great verticals as mentioned over time on the QRP-L list. The
> manual is available at <http://www.bencher.com/pdfs/00408IZV.pdf> or from
> the main page of manuals at http://www.bencher.com/pdf_download.html .
> This antenna, Model HF9V - HF Vertical antenna covers 10, 12, 15, 17,
> 20, 30, 40 and 80 meters has been produced from 1997 to the Present. It
> is called a 9-band vertical but I am not sure why. I think the Model
> TBR-160-S, Top band resonator kit (160 meters) adds the ninth band (not
> included here).
>
> This antenna includes 16 (one is short - hit by the mower) ground
> radials made of high quality teflon coated wire. The antenna has been
> in use this past winter and will be taken down upon sale. I believe the
> antenna to be only about 2 years old but I am the second owner.
> Aluminum is still in good condition although the very top aluminum piece
> has some character (a slight bend in it).
>
> Shipping is to be paid by the buyer.
>
> At this price you can afford to buy and try. If you have questions send
> an email or call me at 907-345-3190. If a picture is important to you, I
> can shoot a few and email them to you (About 60-70K per shot). Even if
> you are not interested, tell your friends or repost this message to your
> local or regional mail reflector.
>
> Thank you.
>
> 73, Jim

> --
> Jim Larsen, AL7FS, Anchorage, Alaska
> (BP51cc) - 61.101 North, 149.824 West
> <mailto:al7fs@arrl.net> - <http://www.qsl.net/al7fs/>
>
>
> -----
>
> End of QRP-L Digest 2589
> *****
> -----

Date: Mon, 17 Jun 2002 22:02:08 -0500
From: "George, W5YR" <w5yr@att.net>
To: W2SH@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128269] Re: Radio Controlled Digital Clock
Message-ID: <3D0EA2B0.3F9053FD@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Or, at Sam's for \$19.95 . . . they are really exceptional.

73/72/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

W2SH@aol.com wrote:

>
> These are becoming quite generally available. For the past several weeks I
> am pleased by the battery-operated one which I have. It can be set to a
> 24-hour format on UTC (ex GMT) and has two-inch tall LCD numerals. It also
> displays the month, date, day of the week and shack temperature (in
> Fahrenheit). It measures 8 1/4 inches square and 7/8 inches thick, and can
> be wall or desk mounted. It also has an alarm feature. Obtainable from
> www.heartlandamerica.com for \$30 plus shipping charges.

Date: Mon, 17 Jun 2002 23:28:12 EDT
From: W2SH@aol.com

To: qrp-1@lehigh.edu
Cc: khopper@uchicago.edu
Subject: [128270] RE: [OT] weatherproof tape for antennas?
Message-ID: <123.12556614.2a4002cc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

No vinyl or fabric-based (e.g., duct tape) has ever lasted more than a few months here. Interestingly, a high quality masking tape, such as 3-M brand and the blue stuff used by contractors, seizes up very nicely around whatever it is wrapped. The only problem is that its non-sticky surface gets brittle over time. I use this masking tape over the wire joint or coax fitting, and then use a self-fusing silicone or rubber tape on top of that.

The next time you see the telephone or TV cable truck doing line work in your neighborhood, chat up the lineman, and you might even get some of the self-fusing tape he uses. I do recommend using the masking tape underneath, for it keeps the joint or fitting from getting gunked up from the self-fusing tape, and this makes for a happier situation if you ever decide to open up the joint or fitting at some future time.

GL,

Charles, W2SH

Date: Mon, 17 Jun 2002 20:54:35 -0700
From: Conrad Weiss <radman@best.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128271] RE: Radio Controlled Digital Clock
Message-ID: <01C21641.310CC140@209-162-49-18.thegrid.net>

Or, at www.shoplifestyle.com - for \$19.95
travel/snooze (2.5"x0.5"x3.5") radio-controlled clock
auto-off back light w/ dual alarms & folding case
GMT to -12 GMT -- 12/24 hour format
indoor digital temp from 32f to 122f

URL:

<http://www.shoplifestyle.com/store/index.asp?dept%5Fid=26&SearchStr=&Page=1&mscssid=K60PQD3DLTVF9MAM7DNXDNGWRT0T653A>

Or, the incomparable (Made in Germany) Junghans MEGA Radio Controlled stainless wrist watch. This critter has a quarter mile antenna in its calf skin wrist strap - originally, \$700.00; now a mere \$299 ! Heck, you could

plug your K2 into the watch band and work 160meters with this thing! Hey,
when they hit \$99 -- and they might - I'll go for one ;)

URL: (same as above -- go to "page 5")

Have fun,

Conrad Weiss
NN6CW

From: George, W5YR[SMTP:w5yr@att.net]
Sent: Monday, June 17, 2002 8:02 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Radio Controlled Digital Clock

Or, at Sam's for \$19.95 . . . they are really exceptional.

73/72/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

W2SH@aol.com wrote:

>
> These are becoming quite generally available. For the past several weeks
I
> am pleased by the battery-operated one which I have. It can be set to a
> 24-hour format on UTC (ex GMT) and has two-inch tall LCD numerals. It
also
> displays the month, date, day of the week and shack temperature (in
> Fahrenheit). It measures 8 1/4 inches square and 7/8 inches thick, and
can
> be wall or desk mounted. It also has an alarm feature. Obtainable from
> www.heartlandamerica.com for \$30 plus shipping charges.

Date: Mon, 17 Jun 2002 23:52:51 EDT
From: WE7X@aol.com
To: kkanalz@gcecispc.com
Cc: qrp-l@lehigh.edu
Subject: [128272] Re: Weatherproof tape for antennas

Message-ID: <63.d253048.2a400893@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

As an old Submariner, I can attest to the suitability and durability of Scotch #23 "Electrical Splicing Tape." We used it to wrap slices in RF cables in the periscope towers, which are flooded spaces (at sea pressure).

I use it on all outside connectors and on the exposed connectors on my Rover antennas.

It is a self vulcanizing black rubber tape, which must be stretched about three or four times its original length upon application. It comes in at least 3/4" and 1" widths. I use the 1" width, and over lap about 3/8" to 1/2" on each wrap. One roll doesn't seem to be much, but because it stretches so much, it conforms to the irregularities of multiple coax fittings and adapters well. A piece off the roll that starts out one foot long will provide enough material to double wrap any fitting I've ever used.

For even better protection or long term exposures, use an overwrap with a good quality vinyl electrical tape such as Scotch #33. Some people even suggest a covering of Liquid Tape over that, but I suspect that to be overkill.

It often must be cut off, but comes off easily and leaves no gummy residue. It is available at most industrial electrical supply houses.

Rod Johnson
WE7X

Date: Mon, 17 Jun 2002 21:13:21 -0700
From: Conrad Weiss <radman@best.com>
To: "'Ken Hopper'" <khopper@uchicago.edu>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128273] RE: [OT] weatherproof tape for antennas?
Message-ID: <01C21643.D01D5B80@209-162-49-18.thegrid.net>

Ken & all,

Have a look at RadioWorks site. They've got it all -

- 1.) Cold-Shrink Tape - the self adhesive rubbery stretchy tape-stuff
- 2.) "STUF" - the white liquid injectable dielectric goo-stuff
- 3.) "Coax-Seal" (tm) -- that black 'plastic mastic' moldable-stuff
- 4.) Good Ol' Fashion high-grade electrician's tape; the sticky-stuff

These guys offer one-stop shopping, and their prices seem reasonable. IMO, decent quality Cold-Shrink tape for 22 cents a lineal foot is a good price! Then again, you can buy a *lot* of cable ties for \$10 these days ;) Get the black ones....:)

URL: <http://www.radioworks.com/PDFCat2002/66-68.pdf>

Be careful up there...:)

Best,

Conrad Weiss
NN6CW

From: Ken Hopper[SMTP:khopper@uchicago.edu]
Sent: Monday, June 17, 2002 11:44 AM
To: Low Power Amateur Radio Discussion
Subject: [OT] weatherproof tape for antennas?

Hi, this is a little off topic. I am trying to find weatherproof tape for outdoor antennas. Anyone have a recommendation?

I used common duct tape and over a very short time it fell apart leaving ugly tails on my masts and wires. There must be something stronger and more waterproof.

Someone suggested type "88" but I was unable to find it at the local ACE Hardware store. Where would I look? in a specialty catalog?

Is there such a thing called "silicon tape" that matures into a single bond over time?

Thanks,
de ken n9vv
<http://www.n9vv.com>

Date: Mon, 17 Jun 2002 22:17:21 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@lehigh.edu>
Subject: [128274] FOX-Teams for Summer Hunt
Message-ID: <Pine.LNX.4.33.0206172213010.21626-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have made an error in the Teams posting....I think I typed 4 stations

per Team when I should have typed 5 stations per Team...sri...
...pleas let me know if you have a Team entry and who they are for the
Summer fox hunt...thank you...
byw the TORNADOS and the RAIDERS have indicated they are in the running
once again...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Mon, 17 Jun 2002 22:32:43 -0700
From: Conrad Weiss <radman@best.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>,
"Dave Richards" <wr3i@earthlink.net>
Subject: [128275] RE: OT but antenna questions
Message-ID: <01C2164E.E8822A60@209-162-49-18.thegrid.net>

Dave,

The "cellular RF hole" is an interesting puzzle and quasi-on-topic, IMO -
as it is a low power dilemma. Briefly, I've heard of offshore boaters out
here in the SF Bay area using "boosters" and hi-gain cell antennae on
off-shore craft to communicate w/ the mainland. I've heard reports of 50
mile range, tho' it stretches my imagination, as the vessel is well over
the horizon at that distance ;)

Anyway, the approach is pretty much what you'd expect - add an RX preamp, a
TX PA and a hi-gain antenna. You'll need a feedline adapter for your
cellphone - or a new cell phone that can accommodate a feedline adapter.
Then it's pretty straight forward - 20 feet of coax to the preamp/PA; to
the roof mount vertical antenna and you're there. Theoretical gain of 30 dB
is possible; 20dB from the "booster" and ~ 10 dB from the ant. There are
companies that have complete "kits" for this type of application. My
understanding is this is FCC legal.

Then there's the nasty bit about writing the check for ~\$499 for the whole
kit!

Check out BoatAntenna.com at URL:
<http://www.BoatAntenna.com/cellular/da4000.htm>

GL & smooth sailing,

Conrad Weiss

NN6CW no, I don't sell for these guyz...and I'm doubtful that a hunk of coax to a hi-vertical alone would do it - you have to compensate for feedline loss/etc. You'll likely need the 'amp'...think QRO ;) ...

From: Dave Richards[SMTP:wr3i@earthlink.net]
Sent: Monday, June 17, 2002 5:55 PM
To: Low Power Amateur Radio Discussion
Subject: OT but antenna questions

I know this is not really on topic but I am sure I can get the help I need>
I am moving into new home and this evening while I visited the property I noticed that my cell phone totally lost signal after asking around I was told Oh yeah nobody get a signal around hear!

So my thought is the make a 903 mhz vertical and mount it high in a tree my question is where would I attached the coax on the cell phone?

my thought is to attach center conductor to the little whip and then use the

negative side of the battery?

is this dumb?

Dave

WR3I

Date: Tue, 18 Jun 2002 08:06:06 +0100
From: "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128276] Re: Weatherproof tape for antennas
Message-ID: <007f01c21696\$d4884100\$8c6686d9@celeron>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rod seems to be describing what we call "self amalgamating tape". Is this term not used in the USA.??

This is really good stuff and when stretched as Rod described forms a perfect seal (against our weather anyway).

Kind regards

Tony - G4WIF

----- Original Message -----

From: <WE7X@aol.com>

<snip>

> It is a self vulcanizing black rubber tape,
> which must be stretched about
> three or four times its original length upon application.

<snip>

Date: Tue, 18 Jun 2002 08:17:03 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <WE7X@aol.com>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [128277] Re: Weatherproof tape for antennas

Message-ID: <002001c216c2\$18eac220\$0300a8c0@charter.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Is this the stuff that comes in a roll with a layer of vinyl so the tape
doesn't
touch itself?

Years ago when I worked for a power company we used to use stuff like
that in hostile environments. You 'activated' the tape by 'stretching'
it.

Then when it laid on itself it would cure and it would be impossible to
unwrap, you had to slice it off.

Radio Shack I think sold it for a while as 'weather sealing tape'. Maybe
they still even do.

Neat stuff. And it worked even better than advertised. Just be careful
with it. Unroll what you want to use, and CUT it off, don't tear it off.
Save the stretching for the wrapping.

Mike

----- Original Message -----

From: <WE7X@aol.com>

> As an old Submariner, I can attest to the suitability and durability
of
> Scotch #23 "Electrical Splicing Tape." We used it to wrap slices in RF
> cables in the periscope towers, which are flooded spaces (at sea
pressure).
> I use it on all outside connectors and on the exposed connectors on
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> Rover antennas.
> It is a self vulcanizing black rubber tape, which must be stretched
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> three or four times its original length upon application. It comes in
at
> least 3/4" and 1" widths. I use the 1" width, and over lap about 3/8"
to 1/2
> " on each wrap. One roll doesn't seem to be much, but because it
stretches
> so much, it conforms to the irregularities of multiple coax fittings and
> adapters well. A piece off the roll that starts out one foot long will
> provide enough material to double wrap any fitting I've ever used.
> For even better protection or long term exposures, use an overwrap
with a
> good quality vinyl electrical tape such as Scotch #33. Some people even
> suggest a covering of Liquid Tape over that, but I suspect that to be
> overkill.
> It often must be cut off, but comes off easily and leaves no gummy
> residue. It is available at most industrial electrical supply houses.
> Rod Johnson
> WE7X
>

Date: Tue, 18 Jun 2002 08:24:32 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <wr3i@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128278] Re: OT but antenna questions
Message-ID: <005a01c216c3\$1e43f880\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What kind of cell phone? A lot of them do have an antenna connection.

My Nokia 2160 had one in the base with the power and audio interface. My 51xx and 61xx series phones have a little rubber plug you pop out on the back. I got adapters to get to a 'standard' TNC female from a place called Everything Wireless in Florida (I also got my hands free kits for my car from them, and a GPS). And they DO sell omni and beam cell antennas there.

Mike

----- Original Message -----

From: "Dave Richards" <wr3i@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, June 17, 2002 8:55 PM
Subject: OT but antenna questions

> I know this is not really on topic but I am sure I can get the help I
need>
> I am moving into new home and this evening while I visited the property
I
> noticed that my cell phone totally lost signal after asking around I was
> told Oh yeah nobody get a signal around hear!
>
> So my thought is the make a 903 mhz vertical and mount it high in a tree
my
> question is where would I attached the coax on the cell phone?
> my thought is to attach center conductor to the little whip and then use
the
> negative side of the battery?
> is this dumb?
> Dave
> WR3I
>
>

Date: Tue, 18 Jun 2002 08:34:03 -0400
From: "brian" <brian@iquest.net>
To: "QRP-L" <qrp-l@lehigh.edu>, "pigs" <fpqrp-l@mpna.com>
Subject: [128279] URGENT PLEA FOR HELP
Message-ID: <005e01c216c4\$73265bd0\$3d05080a@BM17711>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

The Indy Hamfest Committee has agreed to allow us to put on a "Why QRP" session at noon on July 6th. See <http://www.indyhamfest.com>

Anyone in the area that would like to bring in items for a "show and tell" session would be appreciated. Please let me know off the list if you can assist.

I am going to show the excellent NJQRP Club "Why QRP?" presentation.

Thanks!

Date: Tue, 18 Jun 2002 08:51:33 -0400
From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
To: qrp-1@lehigh.edu, neqrp@jona1.net
Subject: [128280] NEQRP SSB NET tonight 7:30PM EDST 7.285 +- 0.005 MHZ
Message-ID: <0F6A9ECC3D.852D23FA-ON85256BBA.0049B333@and.us.ray.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Well the email net notice never got broadcasted?????????
If this email gets sent I will be very confused

Band was not great last week!!!! Even without the email notice we had 2 checkins.

Checkins where:

07:30PM EDST 5 checkins:

N1DVJ	Mike	fixed mobile K2 whip antenna at Boy Scouts
N1VS	Vince	CT OMNI@5W Dipole

Please join us tonight

Ron N1ZSW

Date: Tue, 18 Jun 2002 06:57:47 -0600

From: "Rod N0RC" <rod@n0rc.us>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128281] NCARC Superfest and "the QRP Corner"
Message-ID: <00c701c216c7\$bf5bc280\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Again this year I will be facilitating a "QRP Corner" at the Northern Colorado ARC's Superfest.

Date: SAT 20-July-2002

Time: 8am - ~2pm

Location: Larimer County Fairgrounds
Loveland, CO

Map at: <http://www.co.larimer.co.us/fair/maps.htm>

Superfest info at: <http://www.radioactivehams.com/superfest/>

The theme for this year's "QRP Corner" is PSK-31.

Al Dawkins, K0FRP, president Colorado QRP Club (CQC), will be giving a presentation about PSK-31 in one of our presentation forums. And, CQC will be joining us in the QRP Corner.

What else will be in the "QRP Corner"? Whatever YOU want! The QRP Corner is a low-key, "Rendezvous Point" for anybody interested in QRP. It's a place to learn more about QRP, show off some current project or kit you've built, or just relax and chat with folks of kindred spirit.

Contrary to the national news media, all Colorado is __NOT__ burning. We are OPEN FOR BUSINESS and hope you find a little time to attend our event.

73, Rod N0RC

Date: Tue, 18 Jun 2002 05:56:18 -0700

From: rfcdma@spinn.net
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128282] Re: BLT on the other bands
Message-ID: <3D0F2DF2.64DD05A6@spinn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks,
I made up some plug in lengths of twin
lead and now rather quickly I can get
the tuner to work great on any band.
Thanks so much for the info. I suppose
I should have thought of that myself now
it makes perfect sense. Oh well
hindsight..... Nothing like experience
to solidify the concept.

-WD7Z

Stuart Rohre wrote:

>
> Add 5 or 10 feet of twin lead to the feedline, rather than changing the
> doublet.
> 72,
> Stuart k5KVH

Date: Tue, 18 Jun 2002 07:13:15 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "Elecraft-list" <elecraft@mailman.qth.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128283] NCARC Superfest & Elcraft Kit builders
Message-ID: <00cd01c216c9\$e8d843c0\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Want 15 minutes of fame? Bring your Elecraft Radio to "the QPR Corner"
at NCARC's Superfest.

K1, K2 whatever you have bring it along and spend some time showing
off your handiwork to others. There were a lots of 00Hs & AAHs coming
from the corner last year. Especially appreciated will be a KPA-100 or

two. If you have one please consider bringing it along for "show and tell".

Hope to see you SAT 20-July-2002, full details at:
<http://www.radioactivehams.com/superfest/>

73, Rod N0RC

PS: It's likely the my K2, #2006, "the lean mean CW machine" will be there. (Picture at:
http://www.radioactivehams.com/~n0rc/lean_mean_cw_machine.jpg)

Date: Tue, 18 Jun 2002 08:21:24 -0500 (EST)
From: <igeq100@iupui.edu>
To: brian <brian@iquest.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128284] Re: URGENT PLEA FOR HELP
Message-ID: <Pine.GS0.3.96.1020618081937.9357A-1000000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Brian -

Count me in - I can bring a "show and tell" sample of most of the popular QRP rigs (ten or so, I blush to admit). Give me details as they become know (place, etc.,)

72,
Rich, WB9LPU

On Tue, 18 Jun 2002, brian wrote:

> Folks,
>
> The Indy Hamfest Committee has agreed to allow us to put on a "Why QRP"
> session at noon on July 6th. See <http://www.indyhamfest.com>
>
> Anyone in the area that would like to bring in items for a "show and tell"
> session would be appreciated. Please let me know off the list if you can
> assist.

>
> I am going to show the excellent NJQRP Club "Why QRP?" presentation.
>
> Thanks!
>
>
>
>

Date: Tue, 18 Jun 2002 09:37:49 -0400
From: "T.J. \"Skip\" Arey N2EI" <tjarey@tjarey.com>
To: elecraft@mailman.qth.net, QRP-1 <qrp-1@lehigh.edu>
Subject: [128285] Mobile Antenna Choices
Message-ID: <5.1.0.14.0.20020618092716.00a04860@mail.tjarey.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

I'm trying to wrap my mind around something here and I figure the group can help me get things right.

I am planning to mount a mobile antenna specifically for use with my four band K-1 (40,30,20 & 15) (WITH a KAT-1 ATU unit installed)

I'm looking at two options:

Individual "hamsticks" or a similar loaded antenna (I would prefer not to get into screwdriver antennas, bug catchers and such)

The other way might be a simple 102" "CB" whip

I am trying to keep costs down because this is not going to be my primary operating system. It's just going to be for an occasional QSO during lunch breaks and while traveling to meetings.

What are you folks using and how is it working out for you?

+++++

T.J. "SKIP" AREY N2EI

Specialization is for insects! LAZARUS LONG

Date: Tue, 18 Jun 2002 02:33:42 +0100
From: "k8cv" <k8cv@netzero.net>
To: "Qrp-L Posts" <qrp-l@lehigh.edu>
Subject: [128286] Book for sale
Message-ID: <000001c216c4\$83e7c1c0\$a792d43f@waltamos>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

LeavesI have a computer book for sale, way out dated.

Computer Programs for Amateur Radio by Wayne Overbeck and James A. Steffen

High performance programs written in BASIC for your Apple, TRS-80 , or
Commodore 64, Plus conversion Guides for the IBM PC

This book was copywriten in 1984, so a collectors item.

\$10 plus book rate shipping.

Walt Amos K8CV Royal Oak, MI.

Date: Tue, 18 Jun 2002 09:42:32 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <tjarey@tjarey.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128287] Re: Mobile Antenna Choices
Message-ID: <001f01c216ce\$00a3bd00\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just recently changed to a 102" whip on a mag base for use with my K2
in the Jeep. Realizing that performance is a compromise, I can tell you
that
the ATU pulls it in to a 1.0 match on 40m. I can give you some more
impressions tonight, as I'll probably take it again to scouts.

In any case, it's an easy choice to place with. It's cheap and easy to
setup. Both the whip and the base are available at Radio Shack. As

well as the SO-239 to BNC adapter (don't forget that!)

Mike

----- Original Message -----

From: "T.J. "Skip" Arey N2EI" <tjarey@tjarey.com>

> I'm trying to wrap my mind around something here and I figure the group
can
> help me get things right.
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four
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> breaks and while traveling to meetings.
>
> What are you folks using and how is it working out for you?
>
>
> ++++++
>
> T.J. "SKIP" AREY N2EI
>
> Specialization is for insects! LAZARUS LONG

Date: Tue, 18 Jun 2002 09:56:03 -0400
From: "Charles Mabbott" <aa8vs@msn.com>
To: myetsko@insydesw.com
Cc: qrp-1@lehigh.edu
Subject: [128288] Re: Mobile Antenna Choices

Message-ID: <F9xeY69klI2w0PEXboL0000c04b@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Mike,
What kind of grounding issues did you have? I am curious
73 oo
Chuck AA8VS

>From: "Mike Yetsko" <myetsko@insydesw.com>
>Reply-To: myetsko@insydesw.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: Mobile Antenna Choices
>Date: Tue, 18 Jun 2002 09:42:32 -0400
>
>I just recently changed to a 102" whip on a mag base for use with my K2
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>In any case, it's an easy choice to place with. It's cheap and easy to
>setup. Both the whip and the base are available at Radio Shack. As
>well as the S0-239 to BNC adapter (don't forget that!)
>
>Mike
>
>----- Original Message -----
>From: "T.J. "Skip" Arey N2EI" <tjarey@tjarey.com>
>
>
>> I'm trying to wrap my mind around something here and I figure the group
>can
>> help me get things right.
>>
>> I am planning to mount a mobile antenna specifically for use with my
>four
>> band K-1 (40,30,20 & 15) (WITH a KAT-1 ATU unit installed)
>>
>> I'm looking at two options:
>>
>> Individual "hamsticks" or a similar loaded antenna (I would prefer not
>to
>> get into screwdriver antennas, bug catchers and such)
>>
>> The other way might be a simple 102" "CB" whip

> >
> > I am trying to keep costs down because this is not going to be my
> primary
> > operating system. It's just going to be for an occasional QSO during
> lunch
> > breaks and while traveling to meetings.
> >
> > What are you folks using and how is it working out for you?
> >
> >
> > ++++++
> >
> > T.J. "SKIP" AREY N2EI
> >
> > Specialization is for insects! LAZARUS LONG
>
>

"If your not part of the solution,
there is good money to be made
prolonging the problem."

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Tue, 18 Jun 2002 13:58:43 +0100
From: "k8cv" <k8cv@netzero.net>
To: "Qrp-L Posts" <qrp-l@lehigh.edu>
Subject: [128289] SOLDFw: Book for sale
Message-ID: <008201c216c7\$e0e37060\$a792d43f@waltamos>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Thanks , it is sold

Walt Amos K8CV Royal Oak, MI.
----- Original Message -----

From: "k8cv" <k8cv@netzero.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, June 18, 2002 02:33
Subject: Book for sale

> LeavesI have a computer book for sale, way out dated.
>
> Computer Programs for Amateur Radio by Wayne Overbeck and James A. Steffen
>
> High performance programs written in BASIC for your Apple, TRS-80 , or
> Commodore 64, Plus conversion Guides for the IBM PC
>
> This book was copywriten in 1984, so a collectors item.
>
> \$10 plus book rate shipping.
>
> Walt Amos K8CV Royal Oak, MI.
>
>
>

Date: Tue, 18 Jun 2002 10:09:24 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Charles Mabbott" <aa8vs@msn.com>
Cc: <qrp-1@lehigh.edu>
Subject: [128290] Re: Mobile Antenna Choices
Message-ID: <006a01c216d1\$c189ba80\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Actually, I run it as a 'mobile' even though 99% of the time I have to
park
and 'set out' the antenna. I just ground through the dash plug. I
know...
Bow my head in shame, but it's usually just a 'quick' setup.

I am using the BIG mag mount base from RS. The chrome thing that's
about 5" or so across. I don't know how much of a capacitive coupling
that makes to the car body, but it seems to be ok. Not great, but OK.

I know, if I was doing it 'right'... But sometimes you have to do it by

Tuesday. Hey, this IS Tuesday! So I'll have it on the air tonight from the Scout meeting. (Beats the heck out of throwing wires in the trees for when I was using my twinlead fed 40M dipole. Well, beats it for ease of setup!)

Mike

----- Original Message -----

From: "Charles Mabbott" <aa8vs@msn.com>

> Mike,
> What kind of grounding issues did you have? I am curious
> 73 oo
> Chuck AA8VS
>
>
>
> >From: "Mike Yetsko" <myetsko@insydesw.com>
> >Date: Tue, 18 Jun 2002 09:42:32 -0400
> >
> >I just recently changed to a 102" whip on a mag base for use with my K2
> >in the Jeep. Realizing that performance is a compromise, I can tell
> you
> >that
> >the ATU pulls it in to a 1.0 match on 40m. I can give you some more
> >impressions tonight, as I'll probably take it again to scouts.
> >
> >In any case, it's an easy choice to place with. It's cheap and easy to
> >setup. Both the whip and the base are available at Radio Shack. As
> >well as the SO-239 to BNC adapter (don't forget that!)
> >
> >Mike

Date: Tue, 18 Jun 2002 10:22:36 -0400

From: Bill Coleman <aa4lr@arrl.net>

To: <wr3i@earthlink.net>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [128291] Re: 60 meter discussion for QRP?

Message-ID: <20020618142236.RWDZ27371.imf22bis.bellsouth.net@[192.168.0.20]>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

On 6/16/02 8:44 AM, Dave Richards at wr3i@earthlink.net wrote:

>Sorry but I hav'nt been paying much attention to this issue Does any one
>know if there are any other countries
>on this freq. and if so what are they doing about sub-bands?

The vast majority of other countries do NOT have mode-specific subbands.
Such sub-bands are enforced by convention, not regulation.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Tue, 18 Jun 2002 09:35:31 -0500
From: <jfox6@houston.rr.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [128292] IC Question
Message-ID: <003301c216d5\$66108900\$6125ae18@houston.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anyone have a pin-out or schematic for an IC
EGC1074 or AN260?
This is a linear IC ---AM/FM, Mixer, Osc. IF Amp

If so please contact me at the e-mail address below.

Tks es 73,

Foxy
jfox6@houston.rr.com
<http://www.qsl.net/w5hir>

Date: Tue, 18 Jun 2002 15:32:34 GMT
From: rsstone@juno.com
To: qrp-1@lehigh.edu
Subject: [128293] Amidon vs Micrometals Toroids
Message-ID: <20020618.113241.3052.107214@wm11.nyc.unttd.com>

Hi - Has anyone compared or know of any significant differences between these two brands of toroids (especially iron core)? It appears that the Micrometals versions can be obtained at a generally much lower cost. Thanks for your help.

72,

Ron (KA3J)
Bethesda, MD

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<http://dl.www.juno.com/get/web/>.

Date: Tue, 18 Jun 2002 12:05:24 -0400
From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128294] RE: 60 meter discussion for QRP?
Message-ID: <F9351DA9F0F6D41187410090277B3EB307D30332@ev008msxaege.ae.ge.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Will anyone else be out there when/if we get this frequency allocation? It's nice to have more frequencies, but it could get a little boring after a while just contacting US hams.

Mark

-----Original Message-----
From: Bill Coleman [mailto:aa4lr@arrl.net]
Sent: Tuesday, June 18, 2002 10:23 AM
To: Low Power Amateur Radio Discussion
Subject: Re: 60 meter discussion for QRP?

On 6/16/02 8:44 AM, Dave Richards at wr3i@earthlink.net wrote:

>Sorry but I hav'nt been paying much attention to this issue Does any one
>know if there are any other countries
>on this freq. and if so what are they doing about sub-bands?

The vast majority of other countries do NOT have mode-specific subbands. Such sub-bands are enforced by convention, not regulation.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Tue, 18 Jun 2002 10:48:01 -0700
From: "Tracy Markham" <tracy@bytemark.com>
To: rsstone@juno.com;qrp-1@lehigh.edu;
Subject: [128295] Re: Amidon vs Micrometals Toroids
Message-ID: <MDAEMON-F200206181048.AA480153md50000225572@bytemark.com>

Amidon resells cores manufactured by other companies. Their division, ACE, attempts to manufacture cores but, in my experience and opinion, they are of inferior quality as I constantly had complaints from customers when I sold them the ACE cores.

I wouldn't spend a dime with Amidon after how they've screwed all of their distributors. Again, my opinion and experience.

Use DIZ (www.kitsandparts.com) or myself (www.bytemark.com) to buy your cores - support the amateur community business men and not the companies that have poor opinions of amateur radio! We will be able to give you a better price anyway.

Tracy Markham, N4LGH
(I represented Amidon for years - and they screwed me. No good words for them from me!)

-----Original Message-----
Subject: Amidon vs Micrometals Toroids

> Hi - Has anyone compared or know of any significant differences between
> these two brands of toroids (especially iron core)? It appears that
> the Micrometals versions can be obtained at a generally much lower
> cost. Thanks for your help.
>
> 72,
>
> Ron (KA3J)
> Bethesda, MD

Date: Tue, 18 Jun 2002 11:10:38 -0700
From: "Tracy Markham" <tracy@bytemark.com>
To: qrp-1@lehigh.edu
Subject: [128296] 40673 / 3N204
Message-ID: <MDAEMON-F200206181110.AA103867md50000225590@bytemark.com>

I called SkyCraft and they have set aside the envelope of 3N204's for us!

Call (407) 628-5634 and ask for RONNIE, she is very helpful and has the location of the parts. She is not in on thursdays however!

The 50 I bought are spoken for - if you sent me an email reserving them I have them for you. I'm keeping about 15 of the buggers ...

You can get them at skycraft, Ronnie will help, they have about 250 ++ by my estimate of the bag.

Coolbeans, huh?

BTW, skycraft has bags n bags n bags of many part numbers, everything you could imagine with comparable pricing. They have IC's of all flavors, power transistors, amazing what they really do have. It's a shame they don't put it online.

I am NOT affiliated with SkyCraft, I've just been shopping there for years n years and they have alot of the stuff we use in our projects. For example, I bought a piece of really nice doublesided copper stock for \$3.00, and it was huge!

Anyway, I dig them and they have everything you could imagine.
Tracy N4LGH

Date: Tue, 18 Jun 2002 11:15:14 -0700
From: "johngabbard" <johngabbard@usintouch.com>
To: <sales@hamradio.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128297] Alinco dual band HT
Message-ID: <006501c216f4\$18b08c90\$35811c0c@juanita>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

If I wanted to order an HT, is it possible to have it shipped by US Mail?
thanks john...KF7OM

Date: Tue, 18 Jun 2002 13:29:44 -0500
From: "Michael Melland" <w9wis@charter.net>
To: <hfpack@yahoogroups.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
<FT817@yahoogroups.com>, <fpqrp-l@fpqrp.com>
Subject: [128298] WI Field Day Plans
Message-ID: <002301c216f6\$1eacc440\$7f4ea842@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I will be on the air Field Day weekend from N44.38020 / W88.95839 which is a
campsite along the Little Wolf River in Waupaca County in North Central
Wisconsin.

I'll have the FT-817 and K1 with me..... hope to have a chat !

72 / 73 de Mike, W9WIS

--

Michael Melland, W9WIS
Winneconne, Wisconsin USA EN54pc
qrp-l #1656 - qrparci # 9875 - iparc #252
ars #1075 - <http://www.qsl.net/w9wis>

Date: Tue, 18 Jun 2002 14:52:03 -0400
From: David Snowdon <norway@passport.ca>
To: QRP-L mail list <qrp-l@lehigh.edu>
Subject: [128299] FS: WH-2 wattmeter \$60
Message-ID: <3D0F8153384.013ENORWAY@smtp.passport.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

For sale is an OHR WM-2 qrp wattmeter for \$60 plus the cost

of shipping. The unit is in excellent condition, and includes the manual and external power connector.

Please contact me via e-mail at: norway@passport.ca

Thanks,

David VA3DKS

Date: Tue, 18 Jun 2002 14:02:50 -0600
From: "Mugleston, Brad" <brad.mugleston@gwl.com>
To: [qrp-l](mailto:qrp-l@lehigh.edu) <qrp-l@lehigh.edu>
Subject: [128300] Fathers Day
Message-ID: <F9645092A142D3118CBD00805F15292E1D103151@eb-mail1.gwl.com>
MIME-Version: 1.0
Content-Type: text/plain

For Fathers Day I got "Electronics of Radio" it looks like a great book. Last night I was looking at the PUFF software that comes with it and it also looks great. I did some research on the web and it use to be when you got the PUFF software that you also got the source code which was easily compiled on Linux. The source code doesn't appear to be on the disk included with the book and the software doesn't appear to be available anywhere else.

Does anyone know where I could get the Source code or if it will run under Linux as a DOS program (if so how).

Thanks

de KI00T, Brad

Date: Tue, 18 Jun 2002 16:06:28 EDT
From: W2SH@aol.com
To: qrp-l@lehigh.edu
Subject: [128301] Wear Your Heart on Your Sleeve
Message-ID: <1a6.3d40857.2a40ecc4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

>From www.Isabellacatalog.com the above caption is followed by:

"Recently retired from official use by both the military and ham radio operators, Morse code came to mind as a whimsical and beautiful way to secretly communicate 'love.'

[This] hand-forged bracelet is inscribed with the word 'love' in Morse Code. Only you, or your sweetie, will know the secret unless you spill the beans."

For the XYL who doesn't yet have everything. \$75 plus shipping.

72/73,

Charles, W2SH

Date: Tue, 18 Jun 2002 16:25:18 -0400
From: W2AGN <w2agn@w2agn.net>
To: W2SH@aol.com, W2SH@aol.com,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128302] Re: Wear Your Heart on Your Sleeve
Message-ID: <3D0F5EEE.30304.550C3C6@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 18 Jun 2002 at 16:06, W2SH@aol.com wrote:

> >From www.Isabellacatalog.com the above caption is followed by:
>
> "Recently retired from official use by both the military and ham radio
> operators, Morse code came to mind as a whimsical and beautiful way to
> secretly communicate 'love.'

I must have missed something. When did Ham Radio operators "retire" Morse Code?

--

/ \ / \ / \ / \ / \ John L. Sielke
(W) (2) (A) (G) (N) <http://www.w2agn.net>
_ / _ / _ / _ / _ / ARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Tue, 18 Jun 2002 21:18:51 +0000

From: Larry Cahoon <lejek@erols.com>
To: w2agn@w2agn.net,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128303] Re: Wear Your Heart on Your Sleeve
Message-ID: <5.1.0.14.0.20020618211534.02360790@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>
>I must have missed something. When did Ham Radio operators "retire" Morse
>Code?
>--

I decide to have some fun, so I went to web site and found their customer service email address and sent them a brief not. I gave them the URL, the quote from the page and added the following -

"With almost 3,000 conversations with hams all over the world in the last year using Morse code I sure wish some one had told me it had been retired."

73 de Larry.....WD3P in MD
<http://www.wd3p.net/>

Date: Tue, 18 Jun 2002 17:17:33 -0400 (EDT)
From: baltimoremd@baltimoremd.com
To: W2AGN <w2agn@w2agn.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128304] Re: Wear Your Heart on Your Sleeve
Message-ID: <20020618171618.Y38112-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 18 Jun 2002, W2AGN wrote:

> > "Recently retired from official use by both the military and ham radio
> > operators, Morse code came to mind as a whimsical and beautiful way to
> > secretly communicate 'love.'
>
>
> I must have missed something. When did Ham Radio operators "retire" Morse
> Code?

Jeez...maybe the catalog folks confused the ARRL with Ham Radio?

73,

Thom

baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster

<http://www.baltimoremd.com/> Baltimore's Home Page

<http://www.baltimorehon.com/> Home of the Baltimore Lexicon

<http://www.zerobeat.net> Home of The QRP Web Ring and Drake Mail List Pages

Date: Tue, 18 Jun 2002 14:36:35 -0700

From: "Bill Jones" <kd7s@psnw.com>

To: <W2SH@aol.com>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [128305] Re: Wear Your Heart on Your Sleeve

Message-ID: <000901c21710\$38e12530\$9110010a@fresno>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

So what happens when our your sweetie puts the bracelet on backwards?
Instead of spelling LOVE it spells EBOF. That ought to make her feel
special.

=====

Bill Jones - <><

Sanger, California

=====

----- Original Message -----

From: <W2SH@aol.com>

> [This] hand-forged bracelet is inscribed with the word 'love' in Morse
Code.

> Only you, or your sweetie, will know the secret unless you spill the
beans."

Date: Tue, 18 Jun 2002 17:37:39 -0400

From: W2AGN <w2agn@w2agn.net>

To: Lynn Geitgey <Lgeitgey@kumc.edu>, Lgeitgey@kumc.edu

Cc: qrp-l@lehigh.edu

Subject: [128306] Re: Wear Your Heart on Your Sleeve

Message-ID: <3D0F6FE3.26123.59308B2@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 18 Jun 2002 at 15:33, Lynn Geitgey wrote:

> I will be on vacation from June 15,2002 through June 31,2002. Returning to work on Monday July 1,2002. I will respond to all messages at that time.

--

In appreciation for your setting up an automatic SPAM message for the QRP-L list, I have advised the local criminals in your area that you will not be home for two weeks. I especially urged them to take your computer.

/\ /\ /\ /\ /\ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_/ _/ _/ _/ _/ ARCI, NJQRP, ARQrp,GQRP,RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Tue, 18 Jun 2002 17:43:11 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128307] VE3FAL Field Day Plans
Message-ID: <3D0FA96F.3C10EA48@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello All:

VE3FAL will be operating field day from the tent trailer in EN58df. Will be using my FT817 and various wires. A couple of the other guys from The Little Thunder QRP club might be out to do some operating as well. The batteries are ready to go, and so am I...

See you all out there.

Fred
VE3FAL
Thunder Bay, Ontario
(actually South Gillies)

Date: Tue, 18 Jun 2002 17:57:39 -0400
From: W2AGN <w2agn@w2agn.net>
To: Bill Jones <kd7s@psnw.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128308] Re: Wear Your Heart on Your Sleeve
Message-ID: <3D0F7493.19410.5A559777@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 18 Jun 2002 at 14:36, Bill Jones wrote:

> So what happens when our your sweetie puts the bracelet on backwards?
> Instead of spelling LOVE it spells EBOF. That ought to make her feel
> special.
>

We have to assume she's a no-code tech....

--

/ \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_ / _ / _ / _ / _ / ARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Tue, 18 Jun 2002 18:04:38 -0400
From: "Ronald Davis" <RDavis24@carolina.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [128309] Trade Pegasus for Testing Equipment
Message-ID: <006501c21714\$243541d0\$a13e4a18@your318ruqz03z>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hello

I have a need for some shop equipment to test QRP rigs and some old R-390A's. I am building several QRP rigs and need some more equipment. I would like to trade a very nice Ten Tec Pegasus, with remote knob, 963 PS and LDG AT-11MP Autotuner for some equipment. Items that im looking for are

HP8640B Signal Generator

HP606B Signal Generator

HP410C VTVM

HP Freq counter ?

HP O-Scope for testing ?

HP DVM ?

TV-2 tube tester

R-390A parts or parts rigs

I may trade for QRP items if anyone has an interesting item or items. The test equipment is first on the list and most needed. I am a true beginner so keep that in mind with your questions hi. Please email direct.

Thanks

Ronnie

KE4VPN

End of QRP-L Digest 2590

